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# F. H. Ebeling

Seedsman

Syracuse, N. Y.



MARTIN DITCHER AND GRADER

“Does the Work of 100 Men Better and Quicker.” See Page 64.

“GOOD MACHINERY MAKES A GOOD FARMER BETTER”

1868  
1926

## 58th ANNUAL CATALOGUE

Everything for the Farm, Garden and Lawn

SEEDS, HARDWARE,  
IMPLEMENTS.

Poultry and Bird  
Supplies - - - -  
Dog Foods



# EBELING'S SEED BOOK FOR 1926

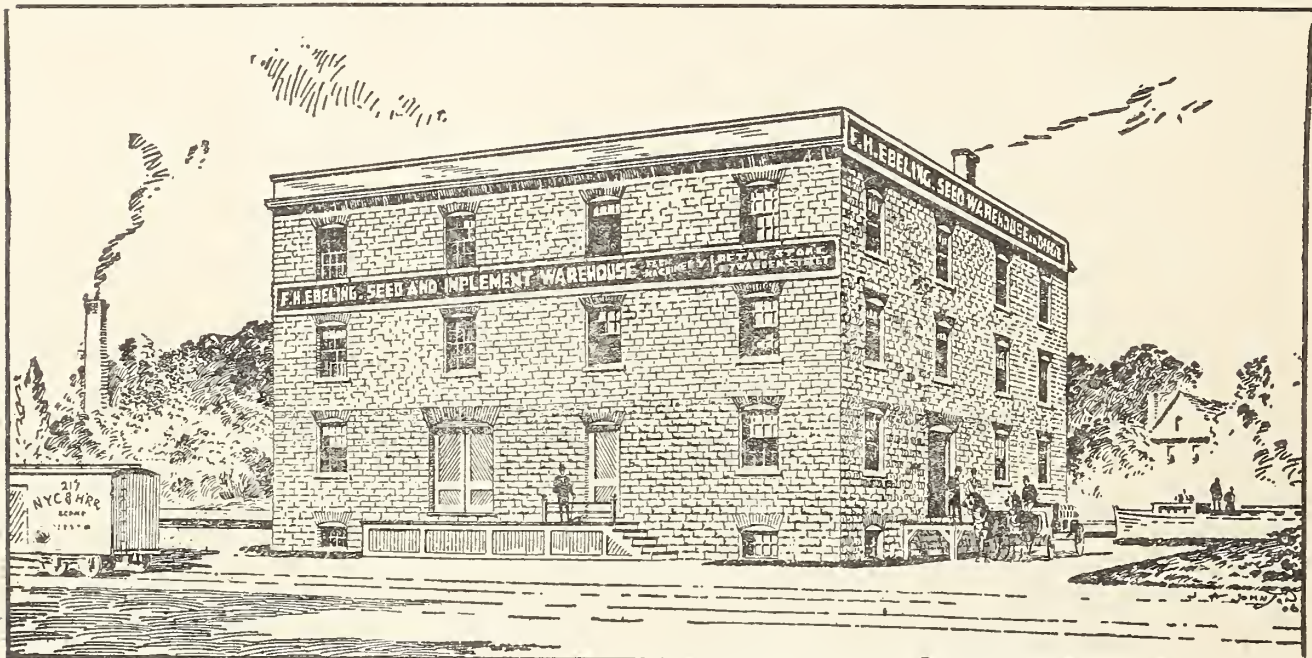
1868-1926—Fifty-eighth Annual Edition

It has always been our aim to supply only the best grade of seeds obtainable, and by a strict adherence to the principle of giving our customers the very best value for their money, has enabled us to largely increase our business from a very small beginning fifty-six years ago. This store still remains in the same building in which it started, and is one of the best equipped Seed Stores in Central New York.

We are organized and prepared to give you the same prompt and reliable service to which our friends have been accustomed for these many years.

Many of our customers have been on our mailing list for more than half a century, and we will spare no effort to care for every order given us in such a manner that will merit the continued confidence of the purchaser.

January 1st, 1926.



**F. H. EBELING'S** SEED AND IMPLEMENT WAREHOUSE, 538-540 CANAL ST.  
RETAIL STORE, 217 WARREN ST.

## USEFUL TABLES

Of Plants per Acre at the following distances apart.

1/2 ft. by 1 ft.	43,560	6 ft by 6 ft.	1,210
1/2 " 1 1/2 ft.	19,360	8 " 8 ft.	680
" 1 ft. 21,780		9 " 9 ft.	537
" 2 ft. 10,898		10 " 10 ft.	435
" 2 1/2 ft. 6,969		12 " 12 ft.	302
" 1 ft. 14,520		15 " 15 ft.	193
" 2 ft. 7,260		18 " 18 ft.	134
" 3 ft. 4,840		20 " 20 ft.	103
" 4 ft. 2,722		25 " 25 ft.	70
" 5 ft. 1,742		30 " 30 ft.	48

Number of Plants Produced from 1 oz. of Seed

Plants	Plants
Asparagus about 500	Kale . . about 2,000
Broccoli . " 2,000	Leek . . " 1,000
Cabbage . " 3,000	Lettuce . " 3,000
Cauliflower " 4,000	Pepper . " 2,000
Celery . . " 4,000	Sage . . " 1,000
Egg Plant " 1,000	Tomato . " 3,000
Endive . . " 3,000	Thyme . . " 5,000

## SEED SOWN PER ACRE

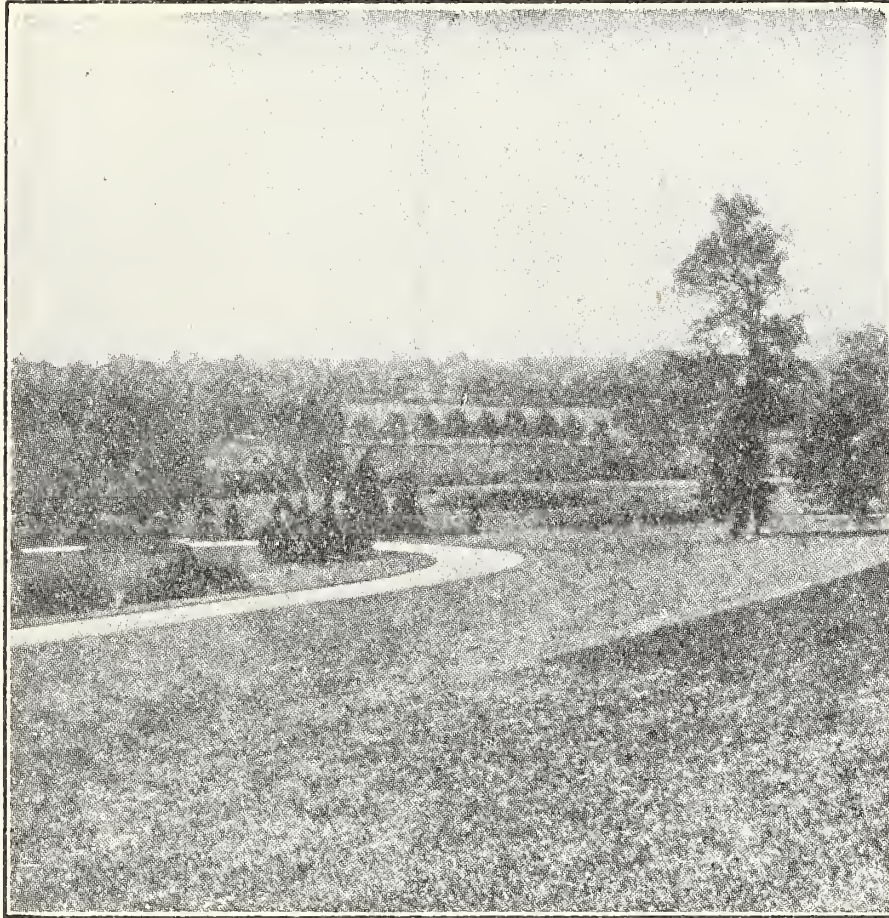
Seed Sown per Acre	Weight per bu.	Seed Sown per Acre	Weight per bu.
Alfalfa, or Lucerne 20 to 30 lbs.	60 lbs.	Millet, Hungarian, 1/2 to 3/4 bu.	48 lbs.
Barley, 1 1/2 to 2 bu.	48 lbs.	Millet, Japanese, 1/2 bu.	32 lbs.
Beans, Field, 1/3 to 1/2 bu.	60 lbs.	Oats, 2 to 3 bu.	32 lbs.
Beans, Green Soy, 3/4 bu.	60 lbs.	Onion, 5 to 6 lbs.	56 lbs.
Beet, 4 to 6 lbs.		Orchard Grass, 2 bu.	14 lbs.
Blue Grass, 2 bu.	14 lbs.	Peas, Field, 2 1/2 bu.	60 lbs.
Bromus Inermis, 20 lbs.	14 lbs.	Peas, Cow, 1/2 bu.	about 50 lbs.
Buckwheat, 1 to 1 1/2 bu.	48 to 50 lbs.	Peas, Wrinkled, . . . . .	about 50 lbs.
Cabbage, 1/4 lb.		Potatoes, 6 to 8 bu.	60 lbs.
Carrot, 2 1/2 to 3 lbs.	20 lbs.	Pumpkin Seed, 4 qts.	27 lbs.
Clover, Alsike, 5 to 10 lbs.	60 lbs.	Rape, Dwarf Essex, 4 to 6 lbs.	50 lbs.
Clover, Crimson, 15 lbs.	60 lbs.	Red Top, Recleaned, 15 lbs.	30 lbs.
Clover Red, 10 to 15 lbs.	60 lbs.	Rye, 1 to 2 bu., Winter and Spring	56 lbs.
Clover, Sweet, 25 lbs. Melilotus Alba	60 lbs.	Sorghum, 1 1/2 to 2 bu.	56 lbs.
Clover, White, 10 to 12 lbs.	60 lbs.	Spinach, 8 to 10 lbs. Squash, 2 1/2 lbs.	
Corn, Ensilage, 1/4 to 1/2 bu.	56 lbs.	Sweet Vernal, 1 to 1 1/2 bu.	11 lbs.
Corn, Field, 1/4 bu.	56 to 60 lbs.	Timothy, 1/2 to 1/2 bu.	45 lbs.
Corn, Sweet, 1/4 bu.	about 45 lbs.	Turnip, 1 lb.	
Cucumber, 1 lb.		Vetch, Hairy, drilled (plus 1 bu. small grain) 25 lbs.	60 lbs.
Lawn Seed, 1 lb to 250 sq. ft.	25 to 30 lbs.	Vetch, Hairy, broadcast (plus 1 bu. small grain) 75 lbs.	60 lbs.
Meadow Fesene, 2 bu.	22 lbs.	Vetch, Spring (plus 1 bu. small grain) 25 lbs.	60 lbs.
Meadow Foxtail, 3 bu.	7 lbs.	Wheat, 2 bu., Winter and Spring	60 lbs.
Meadow Grass, Rough Stalk, 35 lbs.	18 lbs.		
Flax Seed, 1/2 to 3/4 bu.	56 lbs.		
Millet, 1/2 to 3/4 bu.	50 lbs.		

**NON-WARRANTY.**—F. H. Ebeling gives no Warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants he sends out, and he will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.



## EBELING'S CELEBRATED LAWN GRASS SEEDS

Our special brands of Lawn Grass Seeds are noted for their adaptability to various situations and soil conditions, and are now used in every section of the country for making private lawns, and also on the grounds of many leading Country Clubs, Athletic Clubs, Schools and Institutions, etc. These mixtures have long enjoyed an enviable reputation for their general excellence, and it will always be our aim to maintain their high quality by the use of only the finest re-cleaned Grass Seeds, as free from all impurities as the most modern machinery can make them. **Quantity of Lawn Grass Seed to Sow.** One quart is sufficient for 200 square feet; 6 bushels for an acre, or for renovating an old lawn use one-half these quantities.



### How to Make a Lawn

Have soil thoroughly spaded up, enriched with sheep fertilizers or ground bone, level and roll it well to make compact. Select a still day for seeding; sow one-half of the seed from north to south and half from east to west, rake it over and roll again, when grass comes up re-seed the bare spots. When grass is 2 inches high cut it, and as necessary thereafter. Don't rake up short clippings, as they make a good mulch. Always thoroughly soak a lawn when sprinkling, whenever required, but never sprinkle lightly.

#### QUANTITIES TO USE

For 200 sq. ft... 1 lb.  
For 1000 sq. ft... 5 lbs.  
For 2000 sq. ft... 10 lbs.  
For one acre....150 lbs.

For old lawns about half the above is sufficient.

See Catalogue.

### "Evergreen" Lawn Grass

This special mixture produces beautiful and permanent lawns. It is made from our own formula, and composed of grasses which are adapted for the purpose of producing turf which retains its rich green color and velvety appearance throughout the entire summer and fall. In making up this brand we are careful to use seed that has been thoroughly re-cleaned. Per lb. 45c.

### Shady Place Grass

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade, and as it blends well with our regular Lawn Grass Mixture, it may be used on those portions of the lawn which are shaded by trees, buildings, etc., thus covering the whole area with a rich green sward. Per

postpaid. By express or freight, at purchaser's expense, lb. 50c; 30 lbs. \$13.50.

### Golf Links Mixture

Made from our own formula with the object of producing a turf which will stand rough usage. For Tennis Courts, Cricket Tables, Golf Links, Polo Grounds, this seed will give perfect satisfaction. Per lb., 40c; bushel (20 lbs.), \$7.00.

### Terrace Grass

Ordinary lawn grass will not hold the soil on terraces and embankments, which require a thick turf, composed of varieties which make strong roots to take hold of the soil and prevent washing by heavy rains. Our Terrace Grass is a carefully prepared combination of such grasses as will fill the requirements by making a quick growth of grass which will form a strong mat and present a good appearance. It will grow well anywhere, but it is best to enrich the soil, in order to provide nourishment to the young roots and give a vigorous start to their growth. Per lb., 60c, postpaid. By express or freight, at purchaser's expense, lb., 55c; bushel (20 lbs.), \$10.00.

### Putting Green Mixture

A careful study of the requirements for making the most substantial turf for Putting Greens developed the mixture herewith offered by us for this purpose. The varieties comprising it are all of the finest-bladed, low-growing and most hardy kinds, and maintain their rich, green color throughout the season. We also recommend it for terraces, embankments, and steep slopes. Per lb., 75c; bushel (25 lbs.), \$16.00.

### White Dutch Clover Seed

Excellent for use on lawns; forms a close herbage and remains green throughout the season. We furnish the choicest grade of seed. Lb., 70c; 5 lbs., \$3.25; 10 lbs., \$7.00; bushel (60 lbs.), \$36.00.

For Seeds, Tools, Etc., See Our Annual Catalog for 1926



## EXTRA RE-CLEANED GRASS AND CLOVER SEED

Nothing is more important to the farmer than that the grass seed he sows should be pure and clean. The seed should also be plump, heavy and well ripened, so as to insure a good stand. First-class, thoroughly re-cleaned seed, while considerably more costly in the first place, is really much cheaper in the end than the light, chaffy grades generally sold at much lower prices—even should the latter be free from weed seeds. Heavy, plump seed, germinating better, will produce a much greater number of strong plants.

**BLUE GRASS, KENTUCKY FANCY RECLEANED** (*Poa pratensis*). Also known as June Grass, Green Grass, etc. Rated as one of the best permanent grasses, especially useful for lawns, meadows and rich land. It is the grass of the famous limestone soils in Kentucky, and is also a favorite in all the Northern States. Lb., 70c, postpaid. Bu. (14 lbs.), \$8.00; 100 lbs., \$55.00.

**BLUE GRASS, CANADIAN** (*Poa Compressa*). Useful for poor, thin and gravel soils. Lb., 65c, postpaid. Bu. (14 lbs.), \$7.50; 100 lbs., \$50.00.

**BERMUDA GRASS** (*Cynodon dactylon*). Invaluable for lawns and pastures in the Southern States. Lb., 75c, postpaid. Bu. (35 lbs.), \$20.00; 100 lbs., \$55.00.

**CARPET GRASS** (*Axonopus Compressus*). For the lawns and pastures of the Gulf Coast States. Lb., 75c, postpaid. Bu. (18 lbs.), \$11.00; 100 lbs., \$60.00.

**CREeping BENT GRASS** (*Agrostis stolonifera*). Excellent for lawns and putting greens. Makes a low velvety growth. Lb., \$2.00, postpaid. Bu. (20 lbs.), \$35.00; 100 lbs., \$170.00.

**CRESTED DOGTAIL** (*Cynosurus cristatus*). Lb., 70c, postpaid. Bu. (21 lbs.), \$11.00; 100 lbs., \$50.00.

**FESCUE, CHEWINGS NEW ZEALAND** (*Festuca chewings*). For fine lawns and putting greens. Lb., 70c, postpaid. Bu. (14 lbs.), \$8.00; 100 lbs., \$50.00.

**FESCUE, HARD** (*Festuca duriuscula*). Indispensable in all pasture mixtures. Lb., 50c, postpaid. Bu. (12 lbs.), \$4.25; 100 lbs., \$35.00.

**FESCUE, MEADOW** (*Festuca pratensis*). English Blue Grass, or Sweet Grass. Lb., 40c, postpaid. Bu. (22 lbs.), \$7.00; 100 lbs., \$30.00.

**FESCUE, RED OR CREEPING** (*Festuca rubra*). For fine lawns and putting greens. Succeeds on sandy soils. Lb., 70c, postpaid. Bu. (14 lbs.), \$8.00; 100 lbs., \$50.00.

**FESCUE, SHEEP'S** (*Festuca ovina*). Valuable for pastures. Lb., 50c, postpaid. Bu. (12 lbs.), \$4.25; 100 lbs., \$35.00.

**FESCUE, FINE-LEAVED SHEEP'S** (*Festuca ovina tenuifolia*). Excellent for lawns and golf courses. Makes a very dwarf and fine-leaved growth. Lb., \$1.00, postpaid. Bu. (14 lbs.), \$11.00; 100 lbs., \$75.00.

**MEADOW FOXTAIL** (*Alopecurus pratensis*). A valuable perennial pasture grass. Lb., 90c, postpaid. Bu. (7 lbs.), \$5.50; 100 lbs., \$75.00.

**ORCHARD GRASS** (*Dactylis Glomerata*). One of the most valuable of the pasture grasses; makes a good hay. Lb., 45c, postpaid. Bu. (14 lbs.), \$5.00; 100 lbs., \$35.00.

**RED-TOP GRASS, EXTRA RE-CLEANED SEED** (*Agrostis Alba*). Now popular for lawns and golf courses. Heavy solid seed, no chaff. Lb., 70c, postpaid. Bu. (32 lbs.), \$16.50; 100 lbs., \$50.00.

**RHODE ISLAND BENT GRASS** (*Agrostis Vulgaris*). Very fine leaved and of creeping habit. Lb., \$2.00, postpaid. Bu. (18 lbs.), \$31.00; 100 lbs., \$170.00.

**ROUGH STALKED MEADOW GRASS** (*Poa Trivialis*). Highly recommended for fine lawns and it also is a rich pasture grass. Lb., 75c, postpaid. Bu. (14 lbs.), \$9.00; 100 lbs., \$60.00.

**RYE GRASS, ENGLISH PERENNIAL** (*Lolium perenne*). Valuable for winter lawns in the South. Lb., 30c, postpaid. Bu. (24 lbs.), \$6.00; 100 lbs., \$23.00.

**RYE GRASS, ITALIAN** (*Lolium Italicum*). Valuable for hay mixtures. Lb., 30c, postpaid. Bu. (18 lbs.), \$4.50; 100 lbs., \$23.00.

**RYE GRASS, PACEY'S**. This makes a quick growth very early in spring, and is adapted for cool, moist locations, recommended for fall seeding on Bermuda-grass lawns in the South, giving them a bright green appearance all winter. 24 lbs. to the bushel; 3 bushels to the acre. Per lb., 30c, postpaid; per bushel of 24 lbs., \$6.00.

**SWEET VERNAL GRASS** (*Anthoxanthum odoratum*). Imparts a sweet odor to hay. Relished by all kinds of stock. Use 2 to 5 lbs. per acre, in mixture. Lb., \$1.35, postpaid; 10 lbs., \$12.50.

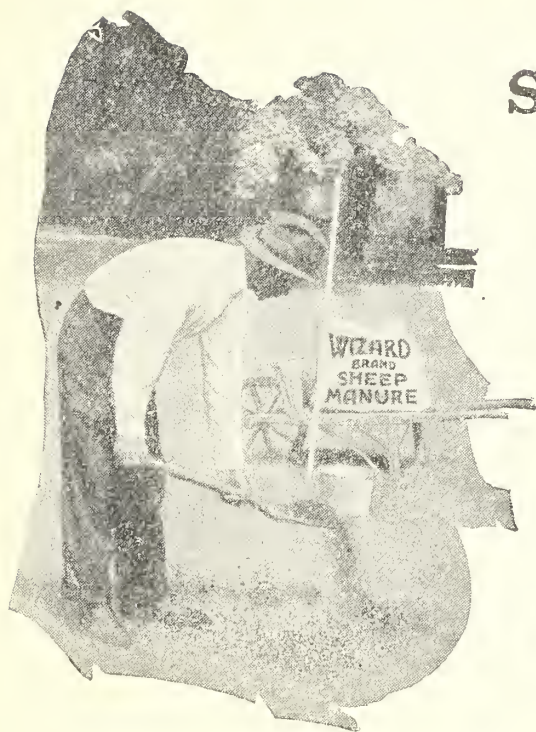
**TALL MEADOW OAT GRASS** (*Avena elatior*). Lb., 50c, postpaid. Bu. (10 lbs.), \$4.25; 100 lbs., \$40.00.

**WOOD MEADOW GRASS** (*Poa nemoralis*). The ideal grass for heavily shaded lawns. Lb., \$1.25, postpaid. Bu. (14 lbs.), \$14.00; 100 lbs., \$90.00.

**TIMOTHY** (*Pheum pratense*). A valuable hay crop. Sow one-half bushel to the acre alone, or 8 to 10 quarts if used with other grass seeds. 45 lbs. to the bushel. Lb., 25c, postpaid. Write for price per bushel.



**WIZARD**  
TRADE BRAND MARK  
PULVERIZED  
**Sheep Manure**



**Makes  
Plants  
Grow  
To  
Perfection!**



**Best for Fruits, Vegetables and Field Crops**

Everybody can get results with Wizard because it supplies the soil with the necessary plant food and humus to make it rich and fertile. All plants require food and a rich mellow soil to develop their real beauty. So if you want a beautiful lawn and garden be sure to enrich your soil with Wizard Sheep Manure.

Wizard is a concentrated, weedless sheep manure that puts new life into wornout soils. It is economical—**ONE BAG EQUALS**

**A WHOLE WAGONLOAD OF STABLE MANURE.** It is far superior to chemical stimulants because it has a lasting beneficial effect on your soil.

**LAWNS.** Make an application of Wizard early in Spring if you want a thick, velvety green turf of lasting beauty. On new lawns broadcast 10 lbs. to 100 sq. ft. and rake into the surface soil. To put new beauty into old lawns 6 to 10 lbs. per 100 sq. ft. will be sufficient.

**FLOWER GARDENS.** Luxuriant green foliage and vivid colored flowers are the result of using Wizard. Broadcast 10 lbs. to 100 sq. ft. of garden soil. Mix a handful with the soil under each new plant—more for vines, shrubs and trees. Light applications during the growing season will prolong blooming.

**VEGETABLES AND FRUIT.** Every practical gardener knows that there is nothing better than manure to grow big profitable crops. Wizard produces big crops of crisp, tender vegetables. Fruit crops respond quickly and show improved yield, color and flavor. Use 1,000 to 1,500 lbs. per acre.

**FLORISTS.** Wizard has been the standard of quality for 20 years. It is unequaled for feeding and liquid manuring. Safe and dependable for all crops grown under glass. It pays the florist to use real Wizard Sheep Manure.

**One Bag Equals a Whole Wagonload of Stable Manure.**

Ask for free booklet.

Prices—5 lbs. 25c; 10 lbs. 50c; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00.

**GROUND BONE.** Excellent for grass plots, gardens, etc. 5 lbs. 25c; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00.

**LIME (Hydrated).** For lawn and field use where the ground has become sour. 50 lbs. \$1.10; 100 lbs. \$2.00.

**BOWKER'S PLANT FOOD FOR HOUSE PLANTS.** (Odorless.) The best Plant Food on the market. May be used either dry or liquid. Especially fine for ferns. Price, 20c and 35c per pkg.

**ACID PHOSPHATE,** 16 per cent. 1 lb. 5c; 25 lbs. \$1.00; 100 lbs. \$2.50.

**NITRATE OF SODA.** A fertilizer for all crops. It is very quick in action and hastens maturity of crops fully two weeks. Being quickly soluble, it should not be applied until the plants are above ground. 5 lbs. 40c; 25 lbs. \$1.50; 100 lbs. \$5.00. Large quantities, prices on application.

**COMMERCIAL FERTILIZER,** especially for vegetable and garden purposes. 50 lbs. \$2.50, 100 lbs. \$4.50.

**BLOOD.** (Dried.) One of the quickest acting fertilizers, being immediately soluble. 5 lbs. 30c; 25 lbs. \$1.50; 100 lbs. \$5.00.

Plant Food for House Plants, Lawn and Garden

**PLANTPEP**

Makes 'em Grow

For Potted Plants, Sweet Peas, Roses, Begonias, Ferns, Cut Flowers, Shrubs, Lawns, Berries, Garden—all plant life.

**GUARANTEED ANALYSIS**

Nitrogen .....	14%
Potash .....	12%
Available Phosphoric Acid.....	10%
8 oz. 50c; small size 15c.	



## Peramnent Pasture Grass

This special mixture of grass and clover seed is composed of varieties best adapted for producing an abundant and nutritious food supply for stock, and will be found entirely satisfactory for permanent pasturage. If your fields are worn out, it will pay well to plough and seed them with this mixture of grasses and clovers, thus securing two crops a year, whereas with timothy alone you cut but one crop. In ordering, state whether for light or heavy soil.

Ask for Special Prices

### LOW LAND

	Lbs. per Acre
Timothy .....	8
Red Top .....	4
Alsike Clover .....	6
Canadian Blue Grass.....	4
Orchard Grass .....	4
White Clover .....	2
	—
	28 lbs.

Ask for Special Prices

### HIGH LAND

Blue Grass.....	3
Red Clover.....	2
Orchard Grass.....	2
Redtop .....	13
Perennial Rye Grass.....	8
White Dutch Clover.....	2
	—
	30 lbs.

Ask for Special Prices

### FOR WET PASTURES

Redtop .....	14
Alsike .....	8
Perennial Rye Grass.....	12
White Clover.....	6
	—
	40 lbs.

Ask for Special Prices

### FOR LIGHT, SANDY SOILS

Red Fescue.....	20
Redtop .....	10
Kentucky Blue Grass.....	8
White Dutch Clover.....	2
	—
	40 lbs.

Ask for Special Prices

**JAPANESE MILLET.** (Billion Dollar Grass.) Japanese Millet is one of the most remarkable forage plants we have; remarkable for its marvelous, luxuriant growth, often growing six feet tall; remarkable for the immense amount of hay it produces from each acre, and remarkable for its feeding value. It is adapted to all sections; does especially well on low ground; makes more hay than German or any other kind of millet, and requires less seed per acre; produces a crop in a very short time; is relished as hay by stock of all kinds; or, if allowed to ripen, will yield about as many bushels per acre as oats. The seed can be used for feed, and is especially fine for poultry. Sow in May for best results, 15 to 20 pounds per acre. If desired for hay, cut just before it heads out; or it can be left to ripen and then threshed the same as timothy. Price \$2.00 per bushel.

**SUDAN GRASS.** Sudan Grass is strictly an annual, and dies each year like millet, and must be seeded again each spring. This makes it fit into any system of rotation and affords a change in crop, which is a good thing for the soil. Sudan Grass is tall, reaching a height of from seven to nine feet, with very small stems, no thicker than a lead pencil. The plant stools wonderfully and produces an amazing number of stalks from a single root. The hay crop is of great importance; stock prefer it to any other forage, and thrive on it. Produces good crops in time of drouth, and enormous ones in wet seasons. Sow 10 to 15 lbs. per acre. Price 12c lb.

**GOLDEN OR GERMAN MILLET.** This is the favorite variety for planting in good land to produce a large crop of hay or forage during the summer months; of very strong

growth. 50 lbs. to the bushel; 1 bushel to the acre. Tennessee grown. Per bushel, about \$3.25.

**DWARF ESSEX RAPE.** A forage plant of highest value. It can be sown in April for an early crop, and for fall crop in July, August and September, and still later further south; it is sown broadcast 10 lbs. to the acre, but it is better drilled, in which case 5 lbs. to the acre will suffice. In a few weeks from the time of sowing, sheep, hogs or cattle can be turned upon it; all reports agree that they gain weight faster on this than any other fodder, and as it can be sown after other crops are off, the gain in fodder is secured at a nominal cost. Stockmen, dairymen and farmers have proved its value. Per lb. 13c; 10 lbs. \$1.15; bushel of 50 lbs. \$5.00; 100 lbs. \$10.00.

**SORGHUM, OR EARLY AMBER SUGAR CANE.** This is the sorghum of the Northern States; makes the finest quality of syrup. The earliest and most productive variety. Height, 10 to 12 feet. For ensilage or fodder it possesses good qualities; stock of all kinds relish it. Sow 5 lbs. in drills, or 1½ bushels broadcast to acre. Per lb. 8c; bu. (50 lbs.) \$3.00.

**VETCHES OR TARES, WINTER** (*Vicia losa*). Also called Sand Vetch, or Hairy Vetch. Recommended for fall sowing with rye, which serves as a support. It is perfectly hardy in all parts of the country, remaining green all winter and maturing fully four weeks earlier than Scarlet Clover; it can, therefore, be harvested or plowed under, and the ground used for the usual spring crop. Sow 25 lbs. with one bushel grain per acre. Price per bushel, \$10.00.

## CLOVERS

**ALFALFA, OR LUCERNE.** (*Medicago sativa*). It strongly resembles clover in habit of growth and feeding value, but withstands drought much better. It is a perennial plant on well-drained soils, so that when once established, it will continue to produce large crops for twenty years when properly cared for. Also called Sand Vetch, or Hairy Villosa). It must be cut every time it comes into bloom, but will not succeed on low, wet soils. Sow from 20 to 30 lbs. per acre. Per lb., .. cts., postpaid. By express or freight,.... per lb.; per bu., market price.

**ALFALFA, GRIMM.** On account of its superior hardness this variety is particularly recommended for growing in northern latitudes, as its distinctive characteristic is its ability to withstand the rigor of the hardest winter. It possesses a fibrous branching root system and the plants are of spreading habit. The flowers are variegated in color, with purple predominating. Lb. 70c postpaid. For larger lots inquire for prices. also for inoculating Alfalfa soils. Per lb. 18c. Per lb. 14c.

**ALSIKE OR HYBRID CLOVER.** (*Trifolium hybridum*). The plant is perennial and very hardy, thriving equally well on wet or dry soils. The stems are more slender and much taller than those of the Red Medium Clover, and thus much better adapted for growing with Timothy to produce a high grade of mixed hay. Sow at rate of 10 to 20 lbs. to the acre. Per lb., 30 cts., postpaid. By express or freight, at market price.

**RED MEDIUM OR MAMMOTH.** This is the common Red Clover so largely grown. We shall be pleased to quote prices at any time.

**WHITE DUTCH CLOVER.** (*Trifolium repens*). This thrives in almost every soil and climate, succeeding equally well on heavy, moist land and thin, dry hillsides. It is of low-creeping growth and for green, velvety lawns. Per lb. 70c.

**SWEET CLOVER BOKHARA** (*Melilotus Alba*). This slightly resembles Alfalfa in growth, but is much taller, with leafier and stiffer stems. It frequently grows five to six feet in height and branches freely, with slender spires of small, fragrant, white flowers, which afford an excellent food for bees. Used also for inoculating Alfalfa soils. Per lb., 20c.





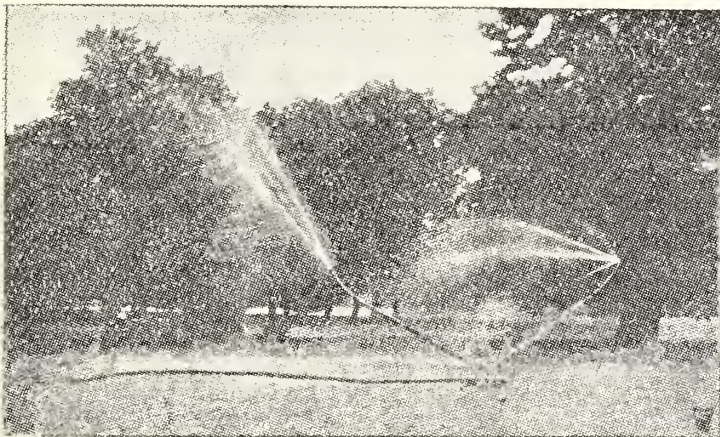
Pepper Tomato

## PEPPER TOMATO

**NEW! THE TOPEPO**  
The Pepper and Tomato Combined

A new creation among vegetables—the Topepo—sweet Bull Nose Pepper and luscious Stone Tomato combined. Has the delicious flavors and qualities of both. A beautiful, yellow, blushed with red. Wonderful for stuffing and baking, for salads, soups, dressings, etc. Be the first to raise the Topepo.

A wonderful addition to the vegetable kingdom. 'Twas a happy thought and will give great pleasure to millions of vegetable lovers now and the future. Pkt. 25c.



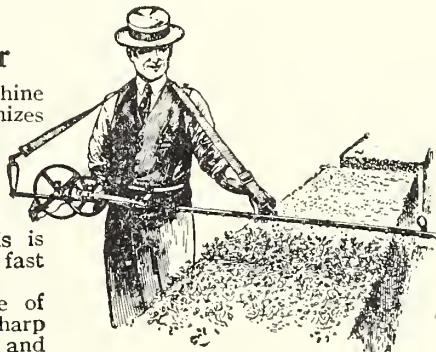
Majestic Revolving Sprinkler

The long-arm Majestic gives a fine spray. It is a slow-moving machine, and the water is warmed by the air before reaching the ground. Also, there being an appreciable period between each shower, the soil has time to absorb it before the next shower. Does not flood the turf, and may be left working for hours, if necessary, on one spot without the center becoming wetter than the outer areas. The Majestic is driven direct from the turbine blades at the base, without intermediate gearing whatever; wear and tear is thus reduced to a minimum. Will water thoroughly and evenly an area of 1,000 square yards or more without being moved. \$25 each.

## Little Wonder Hedge Trimmer

A well-designed machine which entirely revolutionizes hedge-trimming. It actually cuts a hedge as fast as you walk, and in an hour will trim the top and two sides of a hedge 300 feet long; this is from five to ten times as fast as hand-work.

The cutting blades are of tough steel, holding a sharp edge for a long while and trimming every variety of hedge grown. Use it for trimming, and not for "cutting back" a hedge, and it will last for years. 30-inch one-man Trimmer \$22; 40-inch one- and two-man Trimmer \$25; 60-inch two-man Trimmer \$30.



## The OUT-U-KUM Weed Puller

**DOES THE TRICK**

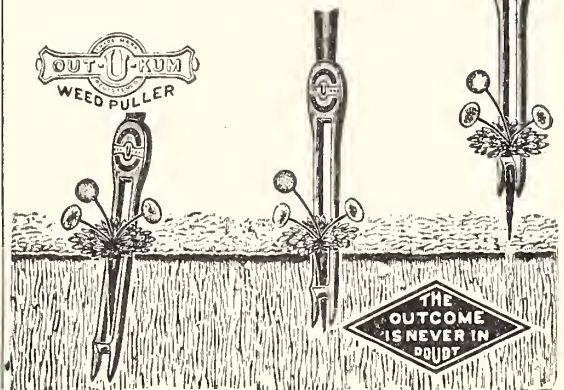
It differs from all other weed pullers, most of which either cut the root or grip the weed above the ground, often breaking it off above the root.

The OUT-U-KUM slips down into the soil alongside the weed, loosening the soil on that side as it goes down.

It then crosses under the root, disengaging it—and is drawn up the opposite side of the weed, loosening the earth on that side and engages the head of the weed above the ground.

The now thoroughly loosened weed is easily withdrawn, root and all, with little or no clinging soil and leaving a very small hole in the lawn.

**PRICE 90c**







Field of our ALBERTA CLUSTER OATS grown  
by Frank Gibbons, Deansboro, N. Y.,  
whose picture is in the center.

# Alberta Cluster Oats

**The Famous, Heavy Yielding, Hardy  
Variety from the Great Northwest**

These oats were grown and shipped to us direct in car lots of about 2000 bushels; from that wonderful Albertra country of the Great Northwest. The soil is a deep, heavy, rich loam, free from foul weeds, and which produces the very best of all grain crops. These oats have captivated the modern grain-growing farmer in every part of the country because they have proved themselves a big success. It's well known that seed oats in the Alberta country are unequaled in hardiness, height, yield, vigor, in freedom from rust and from foul seeds. Canadian growers are extremely careful in seed selection and the Canadian government through its rigorous seed laws, has greatly benefited our American farmers. It is safe to say that a more profitable variety of oats was never offered before in Central New York.

The two main handicaps in the growing of oats are foul weeds and the sowing of degenerated oats. Both problems are solved by our Alberta Cluster Oats. The virgin soils of the Canadian Northwest are as yet free from the many foul weeds that affect our farmers, and these oats constitute a remedy for the farmers who have had trouble with their annual yield because they have continued to sow run-out and run-down sorts year after year. Alberta Cluster Oats compare with the majority of seed oats in the same way that a blooded Holstein compares with a common scrub animal.

## **KERNELS MUCH FATTER—WEIGH 45 POUNDS TO BUSHEL**

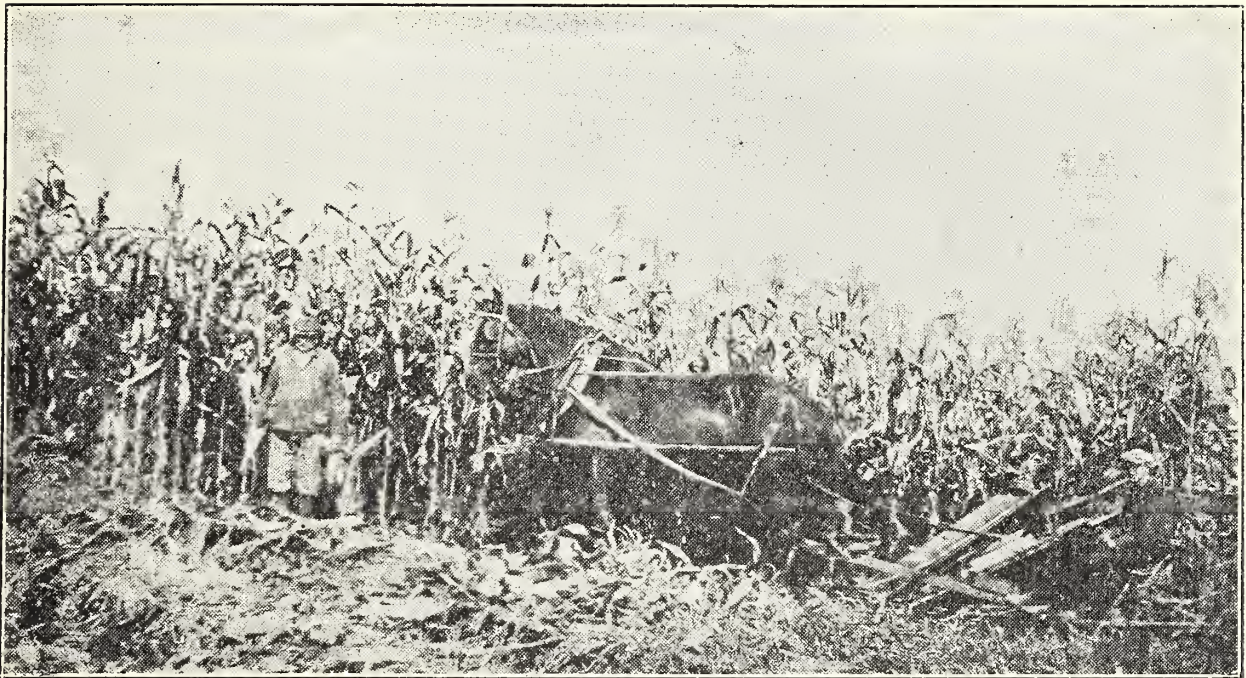
These oats yield from 75 to 100 bushels to the acre. They have big, strong, stiff straw that stand up well on any ground. Their clustered heads are 12 inches long and ripen early. Price per bu., \$1.85.

**TO PREVENT SMUT IN OATS.** Formula.—1 pt. of formalin to 20 gal. of water, wet 20 bu. (or in that proportion) of oats with this solution, mix thoroughly by shoveling, then pile in a mound, cover up well with blankets, etc., for 12 hours. This forms a gas that will destroy the Smut germ. After 12 hours spread out the Oats to dry. They will then be ready for sowing.



**Alberta Cluster Oats**





Field of our Early Wonderful Ensilage Corn, planted June 15th

Mr. H. T. Northrop, Skaneateles, N. Y., called at our store recently and told us that his crop of "Early Wonderful Ensilage" Corn, grown from seed bought of us, was so big that he could not get it into the silo and was obliged to cure and husk a large quantity of it. This is quite an unusual complaint to make, especially in a season like 1925.

## EBELING'S HIGH GRADE SEED CORN

Good pedigree seed corn will be scarce this season owing to cold wet weather in the fall which spoiled great quantities.

**Early Wonderful Ensilage Corn** After nearly forty years experience in the handling and selection of Seed Corn for ensilage purposes, we have selected EBELING'S EARLY WONDERFUL CORN as the very best one we have ever handled. This improved variety has demonstrated beyond a doubt that it is one of the best and as near perfection as it is possible to obtain in ensilage corn.

**EARLY WONDERFUL ENSILAGE CORN** is also known as West Branch Sweepstakes, Giant Ensilage, The Abbott West Branch, Lancaster, Sure Crop, Rising's Gold Dollar, Excelsior, Central Pennsylvania, Lycoming County Sweepstakes Ensilage, and other names. The corn that makes the farmer prosperous. Makes the ensilage in eighty days. Fully ripened and glazed in ninety days.

**Iowa Gold Mine** The deepest grained, purest yellow corn ever grown. Every year this corn puts thousands of good gold dollars in the pockets of our customers.

**Luce's Favorite Dent Field Corn** Luce's Favorite, Minnesota King, Early Triumph, Poor Man's Dent. These four varieties are all one and the same thing.

**Pride of the North**

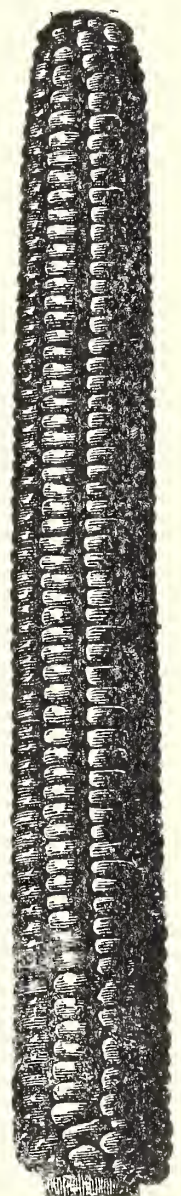
**Improved Leaming**

**Angel of Midnight** A most popular extra early 8-row yellow flint corn. Ears of medium size, a splendid yielder for one so early. If you want a corn that will stand June planting, select the "Angel of Midnight," the farmer's friend. Stalks of medium size.

**Longfellow** This is very well named, being the longest eared 8-rowed yellow flint corn known. It is strikingly handsome, medium late and should be planted on rich soils. It is the most prolific of all the flint sorts. Very popular among corn raisers. Stalks are of good size.

**Canada Smut Nose** This good old standard sort is one that has stood the test of time, and is as popular as ever. It is an 8-rowed medium late with a splash of a reddish blush over the tip of the ear.

**Sanford White Flint** A splendid large long-eared 8-rowed sort. Sometimes called "Canada White Flint." with big white kernels, small cob, easy to husk and a great basket filler. One of the biggest yielding sorts known.



Longfellow  
Yellow Flint  
Corn

ASK FOR OUR SPECIAL PRICES





## IDEAL SUGAR MANGEL

Our illustration shown below faithfully indicates the type of this Beet. It is a perfect Chunk or Boot-leg type of a beet, which makes harvesting easy, especially in hard soils, as it grows fully two-thirds above the ground. This new and original Mangel Seed is imported from Europe. In trial ground test of over thirty varieties, the IDEAL SUGAR MANGEL has proven superior in each of the following points:

- It contains the greatest amount of dry substance.
- It contains the greatest amount of sugar, which means feeding value.
- This Mangel grows high above ground.
- Heavy cropper.
- Highest yield of saccharine matter.
- Easiest harvesting.
- Best keeper.
- Skin light yellow.
- Flesh light yellow.
- Excellent ensilage.
- Has yielded 25 tons to the acre.
- Size, quality and yield are three important factors that no farmer can afford to overlook.

The value of this Mangel-Wurzel for stock feeding cannot be overestimated. No one who keeps horses, sheep or cattle should be without these roots for fall and winter feeding, as the results from their use are wonderful, being clearly shown in the improved health and conditions of the animals, the increase of milk from the cows and the great saving in hay. Price, \$1.50 per lb.

## FIELD SEEDS

Canada Field Peas, per bu.....	\$4.50
Buckwheat, Japanese, per bu. (bu. 48 lb.).....	2.25
Buckwheat, Silverhull, per bu. (bu. 48 lb.).....	2.25
Barley, Chevalier, 2-row, per bu.....	2.50
Barley, Oderbroecker, 6-row, per bu.....	2.50
Speltz, per bu. (32 lb. bu.).....	2.00
Spring Rye, per bu.....	3.50
Winter Rye, per bu. (sow after October 10th).....	2.50
Marquis Spring Wheat, per bu.....	3.50

### NAMES OF A FEW GARDENERS AND FARMERS WHO HAVE DEALT WITH THIS HOUSE CONTINUOUSLY FOR 25 YEARS OR MORE

Charles Williams, Elmwood, N. Y., 34 years.	Ford Bros., Salina, 40 years.
G. G. Hitchings, R. D. 5, Syracuse, 33 years.	C. S. Sanford, Onondaga Hil, N. Y., 39 years.
William Moulton, Brewerton, N. Y., 44 years.	George Skiff, Court St., Syracuse, N. Y., 37 years.
Charles B. Day, Skaneateles, N. Y., 41 years.	Charles Skiff, Syracuse, N. Y., 38 years.
Frank Matty, R. D. 1, Syracuse, 27 years.	Edwin Nottingham, Syracuse, N. Y., 29 years.
Frank Scoville, Liverpool, N. Y., 39 years.	William Lambert, Salina, N. Y., 44 years.
Chas. L. Collins, Fayetteville, N. Y., 31 years.	Henry O'Neil, Onondaga Valley, 41 years.
August Wentz, Cortland Ave., 31 years.	Jesse Clift, Split Rock, 41 years.
W. J. Elliott, Fayetteville, N. Y., 31 years.	J. R. Cooper, Fayetteville, N. Y., 22 years.
Emanuel Schmidt, Jamesville, N. Y., 36 years.	W. J. Park, Syracuse, N. Y., 23 years.
Ed. Barter, East Brighton Ave., 31 years.	Edward Moore, 316 E. Colvin St., 31 years.

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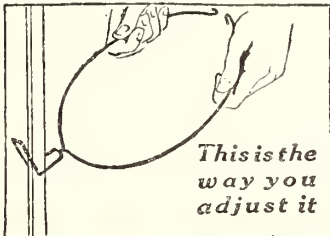
# "ADJUSTO" PLANT SUPPORTS

A sturdy, hard-wood stake seven-eighths inch square, 3, 4 or 5 feet long, with a strong wire support instantly adjustable to any height.

Buy "Adjustos" at a garden-supply store or write direct to us.

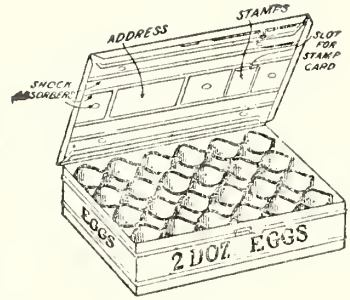
Saves space because it keeps your plants in the air and sun, and from the ground. Enables you to cultivate close to the plant. "Adjusto" supported tomatoes ripen to perfection. "Adjusto" supports bring out the full beauty of Dahlias, Chrysanthemums and all the slender, tall-growing varieties.

**FORREST SEED CO., Cortland, N. Y.**  
*Honest Seeds, Prices, Packets*

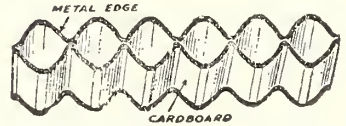


*This is the way you adjust it*

## HOW TO DO A PROFITABLE BUSINESS— SELL EGGS BY MAIL



### BUY EGGS BY MAIL



Save money and get **STRICTLY FRESH DAY-OLD EGGS** direct from producer. Make regular weekly shipments by parcel post in Metal Egg Carriers, which assure safe delivery. Buy your Metal Egg Carriers of us.

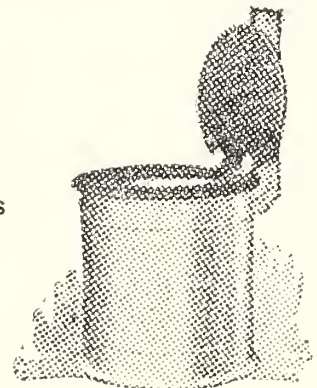
#### METAL EGG CARRIERS

1½ doz. size.....	\$1.25	6 doz. size.....	\$2.50
2 doz. size.....	1.50	9 doz. size.....	3.25
3 doz. size.....	1.75	12 doz. size.....	4.00
4 doz. size.....	2.00		

Add postage to above prices.

## THE HANDY CHEMICAL COMMUNE

Protects Health—Improves the Home



The country home and the outhouse which have been linked together for centuries are now breaking company.

The home which is not yet ready to invest in a permanent toilet system can, for a very small sum, have our Handy Indoor Commode Toilet. Price \$3.50.

1 package chemical, 10 to 15 weeks' supply, complete in crate.

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You will be delighted with it, and wonder how such a splendid illustrated magazine can cost so little. Sign this Coupon below, and mail **AT ONCE** with only 25 cents. Money refunded to you any time.

**TO THE FARM JOURNAL, Philadelphia:**

Enclosed find 25 cents for which send me THE FARM JOURNAL one year on trial. I'm not now a subscriber.

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**IMPORTANT:** This trial Coupon must be sent direct to The Farm Journal, Philadelphia, Pa. (If you live in Philadelphia, Canada or a foreign country, send 50 cents.) **See Other Side**



"Good machinery makes a good farmer better"



# FOREIGN NAMES OF VEGETABLES AND HERBS

ENGLISH	FRENCH	ITALIAN	POLISH	GERMAN
Anise.....	Anis.....	Aniso. Anacio.....	Anyz.....	Anis, Grüner Anis.
Artichoke.....	Artichaut.....	Articiocca.....	Karczochy.....	Artischoke.....
Asparagus.....	Asperge.....	Sparagio.....	Szparagi.....	Spargel.....
Balm.....	Melisse citronelle.....	Melissa.....	Balsam.....	Citronen-Melisse..
Basil.....	Basilic grand.....	Basilico.....	Bazyli.....	Basilikum.....
Beans.....	Haricots.....	Fagiuoli.....	Fasola.....	Bohnen.....
Beet.....	Betterave.....	Barbabetola.....	Buraki.....	Rübe.....
Borage.....	Bourrache.....	Boragine.....	Boraz.....	Boretsch.....
Broccoli.....	Chou Brocoli.....	Brocoli.....	Brokuly.....	Spargelkohl.....
Brussels Sprouts.....	Chou de Bruxelles.....	Cavolo di Bruxelles.....	Latorvil.....	Rosenkohl.....
Cabbage.....	Chou pommé.....	Cavolo cappuccio.....	Kapusta.....	Kopfkohl, Kraut..
Cabbage, Savoy.....	Chou de Milan.....	Cavolo di Milano.....	Sabaudzka.....	Wirsing.....
Caraway.....	Cumin des prés.....	Carvi.....	Kminek.....	Feld-Kümmel.....
Carrot.....	Carotte.....	Carota.....	Marchew.....	Carotten, Möhren.
Cauliflower.....	Chou-fleur.....	Cavolfiore.....	Kalafiori.....	Blumenkohl.....
Celery.....	Céleri.....	Sedano.....	Selery.....	Sellerie.....
Celeriac.....	Céleri-rave.....	Sedano-rapa.....	Selery.....	Knoll-Sellerie.....
Chervil.....	Cerfeuil.....	Cerfoglio.....	(Korzen).....	Kerbel.....
Chicory.....	Chicorée sauvage.....	Cicoria selvatica.....	Czechrzyca.....	Cichorienwurzel..
Coriander.....	Coriandre.....	Coriandorlo.....	Cykorya.....	Cichorienwurzel..
Corn Salad.....	Mâche.....	Valeriana.....	Koledra.....	Coriander.....
Corn.....	Mais.....	Mais.....	Ziarno Salaty.....	Feldsalat.....
Cress.....	Cresson alénois.....	Agretto.....	Kukurydza.....	Mais.....
Cress, Water.....	Cresson de fontaine.....	Nasturzio aquatico.....	Rzerzucha.....	Garten-Kresse..
Cucumber.....	Concombre.....	Cetriolo.....	Rzerzucha.....	Brunnenkresse..
Dandelion.....	Pissenlit.....	Dente di leone.....	wodna.....	Gurken.....
Dill.....	Aneth.....	Aneto.....	Ogorek.....	Löwenzahn.....
Egg Plant.....	Aubergine.....	Petronciano.....	Papawa.....	Dill.....
Endive, Curled.....	Chicorée Endive.....	Endivia.....	Koper.....	Eierpflanze.....
Endive, Broad Leaf.....	Chicorée-Scarole.....	Endivia Scariola.....	Gruszka.....	Endivien.....
Fennel.....	Ronde.....	Finocchio.....	milosna.....	Escariol.....
Garlic.....	Fenouil.....	Aglio.....	Endywia.....	Fenchel.....
Horehound.....	Ail.....	Marrubio.....	Koper.....	Fenchel.....
Horse Radish.....	Marrube blanc.....	Marrubio.....	Czosnek.....	Knoblauch.....
Hyssop.....	Raifort sauvage.....	Rafano.....	Marubium.....	Andorn.....
Kale.....	Chou vert.....	Issopo.....	Chrzan.....	Meer Rettig.....
Kohl Rabi.....	Chou-rave.....	Cavolo verde.....	Hyzop.....	Isop.....
Lavender.....	Lavende.....	Cavolo rapa.....	Solanka.....	Blätterkohl.....
Leek.....	Poireau.....	Lavanda.....	Kalarepa.....	Knollkohl.....
Lettuce.....	Laitue.....	Porro.....	Lawenda.....	Lavendel.....
Marjoram.....	Marjolaine.....	Lattuga.....	Pory.....	Porree, Lauch.....
Melon.....	Melon.....	Maggiorana.....	Salata.....	Lattich, Kopfsalat..
Melon, Water.....	Melon d'eau.....	Popone.....	Majeranek.....	Majoran.....
Mushroom.....	Champignon.....	Melone d'aqua.....	Melon.....	Melone.....
Nasturtium.....	Capucine.....	Fungo pratajolo.....	Melon, wodny.....	Wasser-Melone.....
Okra.....	Gombaud.....	Nasturzio.....	Grzyb.....	Schwamm.....
Onion.....	Ognon.....	Ocra.....	Nasturcy.....	Kapuciner Kresse..
Parsley.....	Persil.....	Cipollo.....	Cebula.....	Ocher.....
Parsnip.....	Panaïs.....	Prezzemolo.....	Zwiebel.....	Zwiebel.....
Peas.....	Pois.....	Pastinaca.....	Pietruszka.....	Petersilie.....
Pepper.....	Piment.....	Pisello.....	Pasternak.....	Pastinake.....
Pumpkin.....	Potiron.....	Peperone.....	Groch.....	Erbsen.....
Radish.....	Radis.....	Zucca.....	Pieprz.....	Pfeffer.....
Rhubarb.....	Rhubarbe.....	Ravanello.....	Bania.....	Melonen-Kürbiss..
Rosemary.....	Romarin.....	Rabarbaro.....	Rzodkiew.....	Radies.....
Rue.....	Rue.....	Rosmarino.....	Rubarbarum.....	Rhabarber.....
Ruta Baga.....	Chou-navet.....	Cavolo navone.....	Rozmaryn.....	Rosmarin.....
Saffron.....	Safran.....	Zafferano.....	Ruta.....	Raute.....
Sage.....	Sauge.....	Salvia.....	Szafran.....	Kohlrübe, Wrucken
Salsify.....	Salsifis.....	Sassefrica.....	Safran.....	Safran.....
Sorrel.....	Oseille.....	Acetosa.....	Szalwija.....	Salbei.....
Summer Savory.....	Sarriette annuelle.....	Santoreggia.....	Jarzy. Ostryga.....	Haferwurzel.....
Spinach.....	Epinard.....	Spinace.....	Szczaw.....	Sauerampfer.....
Squash.....	Courge.....	Zucca.....	Caber.....	Bohnenkraut.....
Swiss Chard.....	Poirée.....	Bieta.....	ogrodowy.....	Spinat.....
Thyme.....	Thym.....	Timo.....	Szpinak.....	Kürbiss.....
Tomato.....	Pomme d'Amour.....	Pomo d'oro.....	Miekurz.....	Beisskohl.....
Turnip.....	Navet.....	Navone.....	Macierzanka.....	Thymian.....
Wormwood.....	Absinthe.....	Assenzio.....	Pomidor.....	Liebesapfel.....
			Rzepa, brukiew.....	Weisse-Rübe.....
			Piotun.....	Wermuth.....



## ASPARAGUS

Spargel (Gr.)

Sparagio (It.)

Culture—Sow early in spring in rows one foot apart; when one year old the roots may be taken up and transplanted in permanent beds, which should be made by taking out the soil to a depth of about 16 inches, fill in with six inches of well rotted stable manure, then six inches of soil somewhat firmed, and place the roots on the same about 10 inches apart with the roots well spread out and cover so that the crown will be about four inches below the surface. Keep the surface well raked to keep down the weeds until the shoots appear.

**Palmetto** is earlier, a better yielder, and is more even and regular in its growth than Conover's. Oz. 15c; ¼ lb. 35c; lb. \$1.25.

**Barr's Mammoth**

The fine old reliable sort. Oz. 15c; lb. \$1.25.

**Columbian Mammoth White**

It furnishes white shoots which stay white as long as fit for use without earthing up or any other artificial blanching. Fine for canning. Oz. 15c; ¼ lb. 25c; lb. \$1.25.

**Roots of Above Varieties**

at \$2.50 per 100. Can furnish in one and two-year roots.

Bohnen (Gr.)

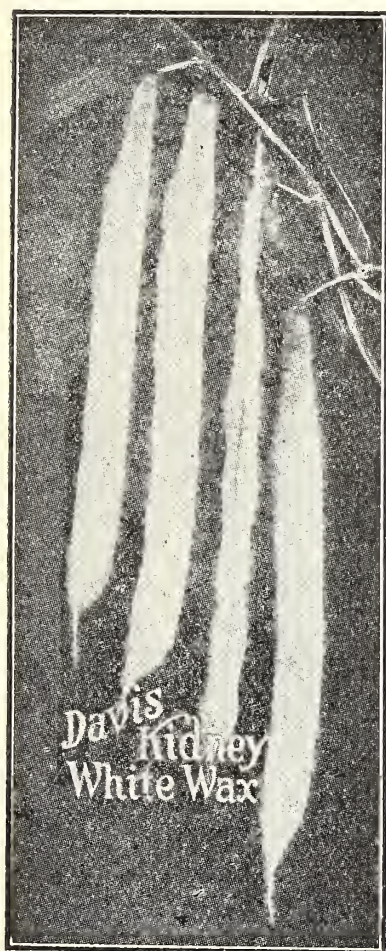
## BEANS—Dwarf Wax Varieties

Faginoli (It.)

Culture—Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which injures the crop.

**Pencil Pod Wax**

This comparatively new wax podded bean is particularly handsome, also medium early, hardy and very prolific. Leaves roughened. Pods long, five and one-half to six inches, straight, round, fleshy, and of a bright yellow color; tender, absolutely stringless and of excellent quality, and are produced through a long season. One of the best for home use and near markets. Seed long, round, medium sized; color solid black. Lb. 35c; 2 lb. 60c.



**Davis Wax**

A very hardy and productive variety, desirable where a wax-podded, white seeded, mid-season sort is wanted. Vines very vigorous. Pods invariably long, six and one-half to seven inches, light yellow; seed kidney-shaped. Lb. 35c; 2 lb. 60c.

**Wardwell's Kidney Wax**

This variety maturing a little later than the Golden Wax, yields a large crop of long, nearly straight, broad, creamy white, handsome pods. These are of large size, about six inches long, and are of good quality; kidney-shaped, white with dark markings about the eye. Lb. 35c; 2 lb. 60c.

**Keeney's Rustless Golden Wax**

Vines strong and vigorous, with short runners. Pods produced in abundance; about five inches long, stringless, light yellow, wax-like and handsome. Seed similar to a light colored Golden Wax. Lb. 40c; 2 lb. 70c.

**Currie's Rust-Proof Wax**

Pods straight, rather flat, five inches in length and of a light golden yellow; seed black. Lb. 35c; 2 lb. 60c.

**Improved Black Wax**

This variety takes the place of the old black wax or butter bean and is much better in every respect. Vines medium sized, with small foliage, very vigorous, hardy and productive, maturing about midseason, well up from the ground, fleshy and of a light golden yellow, and remain a long time in condition for use as snaps. Lb. 35c; 2 lb. 60c.

**Round Pod Kidney Wax**

This midseason variety is exceedingly handsome and very desirable for the home garden. Vines dwarf, spreading and productive. Pods long and round, wax-like, stringless and of the best quality. Uniformly perfect. Medium-sized, white, with a little dark marking about the eye. Lb. 35c; 2 lb. 60c; bu. \$16.00.

**Hodson Wax**

The vines of this variety are exceedingly vigorous, hardy and productive. The pods are handsome, clear creamy white, very long, six to seven inches, straight or slightly curved, flat but fleshy and of good quality, stringless if picked when quite young; matures its crop late. Seed long, cylindrical, uniform in shape; color dull purplish red splashed with pale buff. Lb. 35c; 2 lb. 60c.

**Davis Kidney White Wax**

**Improved Golden Wax or Detroit Wax**

Vines a little more upright and hardier than the Golden Wax. The handsome deep yellow pods are about five inches long, broader and flatter than Golden Wax. Seed medium size white with dark brown to black markings. Lb. 35c; 2 lb. 60c.

## BEANS—Pole

**Kentucky Wonder**

This remarkably vigorous growing, green podded pole bean has very long pods somewhat broad, very fleshy and quite stringless as snaps. The mature pods are often eight to nine inches in length. Its earliness and hardiness commend it as a pole bean. Large green pods are unexcelled in quality by any green podded bean of its class. ½ lb. 20c; lb. 45c; 2 lb. 80c.

**Scarlet Runner**

Brilliant scarlet flowering ornamental pole bean. ½ lb. 25c; lb. 45c.

**White Runners**

Same as Scarlet Runner, only white. ½ lb. 25c; lb. 45c.

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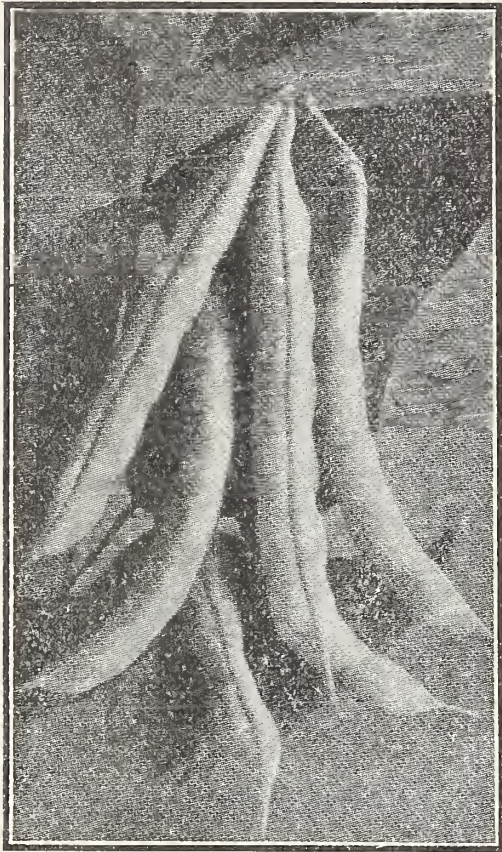
## BEANS—Dwarf Green Podded Varieties

### Bountiful

For the market gardener this is one of the popular varieties. Pods are medium size, green and flat; an excellent snap bean. Dry beans are yellowish brown color. Lb. 35c; 2 lb. 60c.

### Black Valentine

A very hardy and productive green podded sort with strong, vigorous vines. The pods are nearly round or slightly flattened but very handsome. A large crop can be depended on and the product is very attractive on the market. It is very extensively used for shipping. The pods are medium dark green and about six inches long. Seed small to medium sized, black, oblong, slightly flattened. Lb. 35c; 2 lbs. 60c.



Burpee's Stringless Green Pod

### Dreer's Bush Lima

A dwarf variety of the Dreer's Improved Lima. The beans grow close together in the pods, producing 3 to 4 and sometimes 5 in a pod, and are thick, sweet and succulent. Lb. 45c; 2 lb. 80c.

### Burpee's Bush Lima

True bush form of large white Lima, bush 15 to 20 inches high, 24 to 30 inches diameter, supported by its own thick stems. For productiveness and quality of beans it is not surpassed. Lb. 50c; 2 lb. 90c.

### Fordhook Bush Lima

An improved dwarf Lima of the Kumerle type. The plant is vigorous and erect growing, bearing well above the ground. The pods, which are produced in large clusters, are medium green, about four and three-fourths inches long, and each contain three to five large beans of exceptionally fine quality. Lb. 45c; 2 lb. 80c.

## ENGLISH BROAD BEAN

### Broad Windsor.

An old-fashioned English shell bean. This bean is very hardy; it should be planted as early as the ground will permit, three or four inches deep in rows three feet apart, and plants four feet apart in row. Dry beans very large and yellowish green. Lb. 60c.

## BEANS—Pole Lima

### Ideal Pole Lima

One of the largest and most valuable Lima beans yet introduced. Vines unusually vigorous, very productive, bearing large clusters of broad pods each six to seven inches long, and containing four to six large beans of most excellent quality. While the variety matures a little later than Seibert's Early Lima, the pods are much larger and no Lima grown is more attractive. Lb. 45c; 2 lb. 85c.

### King of the Garden Lima

Vines very vigorous and productive. Pods five to six inches long, filled with four or five immense white beans of the finest quality. On account of its large pods it is a favorite with market gardeners. It will come into bearing sooner and will make larger pods if not more than two vines are left to grow on a pole. Lb. 45c; 2 lb. 80c.

### Early Jersey Lima

Matures a few days earlier than the King of the Garden, and is very productive. The pods contain from three to four large beans, and the quality is good. By express or freight, at purchaser's expense. Lb. 35c; 2 lb. 60c.

### Scarlet Runner

Ornamental, bright red flowers; good snap bean. 1/2 lb. 25c; 1 lb. 45c.

### White Runners

Saine as Scarlet Runners, only white. 1/2 lb. 25c; 1 lb. 45c.

SPECIAL CASH DISCOUNT TO MARKET GARDENERS

## Giant Stringless Green Pod

A very desirable green podded snap sort for the home garden and largely grown for the market. Vine is vigorous, spreading and productive. Pods are medium green, five to six inches long, crisp and tender. Lb. 35c; 2 lbs. 60c.

## Red Valentine Extra

### Early Round Pod

For snaps there is nothing superior to this variety among the dwarf green podded sorts both for the home and market garden and many prefer it to the wax varieties. Vines medium to large, erect, with dark green leaves. Pods medium length, about four and one-half inches, curved, cylindrical, with crease in back, very fleshy, crisp and tender. Lb. 30c; 2 lb. 60c.

## Refugee, or 1000 to 1

Of compact growth and very prolific. The pods are light green, very solid and tender. Lb. 30c; 2 lb. 60c.

## Dwarf Horticultural

Vines very productive, compact, upright, with large leaves. Pods five to five and one-half inches come fit for use as green shelled beans early and in this condition the beans are very large, easily shelled and are about equal to the Lima in quality. One of the best sorts for green shell beans for home and market. Lb. 35c; 2 lb. 60c.

## BEANS

Pea, per lb.....	15c
Marrow, per lb.....	25c
Navy, per lb.....	25c
Imperial, per lb.....	25c
White Kidney, per lb.....	25c
Red Kidney, per lb.....	25c

SPECIAL PRICES ON BUSHEL LOTS

## BEANS—Dwarf or Bush Lima



Ruebe (Gr.)

## BEETS

Barbabetola (It.)

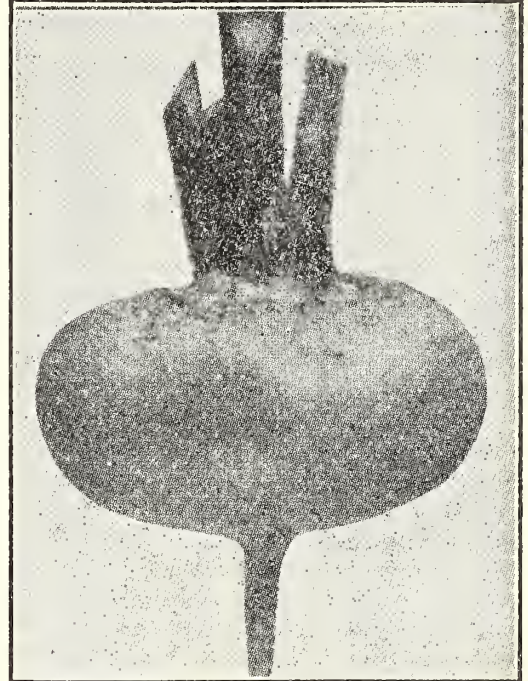
The best results are obtained on a deep, rich, sandy loam. If wanted very early, sow such sorts as Crosby's Egyptian or Detroit Dark Red in hotbeds and transplant, cutting off the outer leaves. For general crop sow in freshly prepared soil as soon as the ground will permit, in rows eighteen inches apart covering about an inch deep and pressing the soil firmly over the seed. For winter use the turnip varieties may be sown in June so as to mature late in the season.

**Extra Early Egyptian Blood Turnip** The best variety for forcing and excellent for first early crop out of doors, being very early with small tops. Root very dark red, moderately thick, a little rounded on top, distinctly flat on the bottom, and about two inches in diameter when mature. Flesh dark purplish red, zoned lighter shade. Oz. 15c; ¼ lb. 40c; lb. \$1.00.

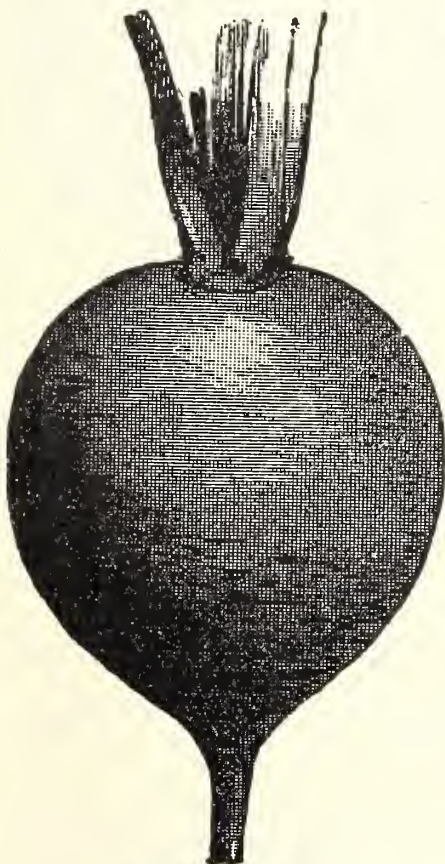
**Early Eclipse** An early beet especially desirable for the home garden. Tops small. Root bright deep red, smooth, round. Flesh bright red, zoned with pinkish white; very sweet, crisp and tender. Oz. 15c; ¼ lb. 30c; lb. \$1.00.

**Crosby's Egyptian** This is a beet famous both for shape, color and quality. Vaughan's Crosby beet is very early; has deep red color; is smooth and tender, has sweet flesh that is richly palatable. To retain earliness it should be grown with greatest care—it is worth the attention it demands. Oz. 15c; ¼ lb. 35c; lb. \$1.25.

**Detroit Dark Red** We believe this is the best beet for the market and home garden, and on account of its uniformly deep rich color the most desirable for canning. Tops small, upright in growth. Very smooth and of dark blood red color. Flesh is deep vermillion-red, zoned with a lighter shade of the same color. Careful comparisons with all the prominent varieties on the market in this country and in Europe prove that the Detroit Dark Red Beet is the most uniform in shape and size and the most attractive in color. It is unsurpassed in quality. Oz. 15c; ¼ lb. 40c; lb. \$1.40.



Extra Early Egyptian Blood Turnip



Detroit Dark Red

**Beet—Early Wonder** A deep blood red beet, nearly globular, with small clean tap-root and small sized top. One of the earliest and most uniform bunching beets on the market. A field of Early Wonder Beets will mature so evenly that the crop may be harvested at one time. Pkt. 10c; oz. 20c; lb. \$1.50.

**Crimson Globe** A perfect beet in all respects; brilliant crimson in color, globe-shaped, with a very smooth skin, and an exceedingly small tap root, fine-grained, sweet in flavor, and tender at all times. The foliage is small, admitting of close planting. Not only a market gardener's sort, but one of the best for the kitchen garden, as it is extra early. Oz. 15c; lb. \$1.50.

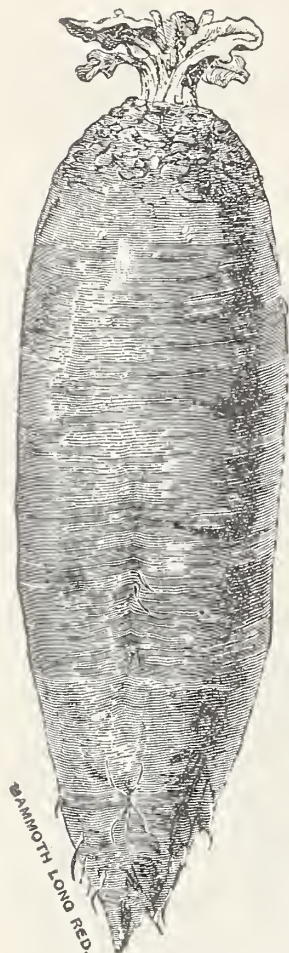
**Edmand's Early Blood Turnip** Tops short and rather spreading; ribs and leaf stalks dark red. Root nearly round; exterior color dark red, interior color purplish red with little zoning; crisp, tender, sweet and an excellent keeper. Oz. 15c; ¼ lb. 35c; lb. \$1.15.

**Swiss Chard** (See Kale Beets) This kind of beet is grown exclusively for the numerous fleshy, tender leaves and leaf stalks, which are superior to those of other beets for use as greens. Later in the season the wax-like leaf stems are cooked like asparagus or are pickled. This variety we offer has large, broad, undulated leaves of attractive yellowish green color, and very large, broad white stalks and midribs or chards. It is well worthy of a place in the home garden as well as for market use. Swiss Chard is sometimes called Leaf Beet, Spinach Beet and Silver Beet. Oz. 15c; lb. \$1.25.

SPECIAL CASH DISCOUNT TO MARKET GARDENERS



## MANGEL BEETS, Mangel Ruben



Long Red Mangel

### Mangel Wurzels

For stock feeding. We should learn a lesson from our brother farmers in Canada and grow root crops much more extensively for stock feeding, which produce the greatest results for the labor and money invested.

### Golden Tankard

A smooth, yellow fleshed Mangel. The roots are of large diameter, tapering quickly at the bottom, which is quite broad, with only a small tap-root. It grows largely above the soil and is easily harvested. It yields enormous bulk on good land and can be sown closely in rows. Oz. 10c; ¼ lb. 20c; lb. 60c.

### Golden Giant, or Yellow Leviathan

Very fine large roots, growing one-half above the surface, which renders the harvesting easy. Skin a rich golden yellow, flesh pure white and sweet in flavor. It is a magnificent root easily harvested, producing enormous crops, and is a fine keeper. Oz. 10c; ¼ lb. 20c; lb. 60c.

### Mammoth Long Red

This is a heavy cropper and a large yielder. The roots grow from one-half to two-thirds above the surface, and are frequently two or more feet in length by six inches usual diameter. Dark, richly colored foliage, skin dark red, flesh white with veined rings of rose pink. Same as Norbiton Giant. Oz. 10c; ¼ lb. 20c; lb. 60c.

### Yellow Ovoid

The roots are of a true globe shape, from six to eight inches in diameter. Skin rich orange yellow, flesh white with lemon yellow rings. Sweet and solid. Oz. 10c; ¼ lb. 30c; lb. 60c.

### Danish Sludstrup Mangel

This most wonderful Mangel is a long reddish yellow root but not so long as the Mammoth long red, it grows more above ground, is very easily harvested, and requiring but little exertion to pull same. They frequently weight from 15 to 20 lbs. Oz. 10c; lb. 85c.

### Ideal Sugar Mangel Beet

The illustration faithfully shows the shape of this wonderful Mangel. It is a perfect chunk of a beet, being as large at the bottom as at the top. Stands two-thirds above ground. Is easily harvested even on hard soils. This new and original Mangel has been tested alongside thirty other Mangels and by strict laboratory tests on trial grounds and field demonstrations, has proved to be IDEAL and superior in quality.

It contains the greatest amount of sugar of any Mangel.

It grows high above ground.

Skin light yellow, flesh light yellow.

Heavy cropper.

Highest yield of saccharine matter.

Highest yield of dry matter.

Easiest harvesting.

Best keeper.

Excellent ensilage.

Has yielded 25 tons to the acre.

The value of this Mangel-Wurzel for stock feeding cannot be over-estimated. No one who keeps horses, sheep or cattle should be without these roots for fall and winter feeding, as the results from their use are wonderful, being clearly shown in the improved health and condition of the animals, the increase of milk from the cows, and the great saving in hay.

We have imported the IDEAL MANGEL from the originator in Europe for many years and this particular type can only be secured from the grower. Oz. 15c; ¼ lb. 40c; lb. \$1.50; 10 lb. \$12.50.

## BROCCOLI

### Early Large White French

This is probably the most useful variety. Plants very hardy, vigorous and easily grown. Heads white, compact, hard and of good quality. Pkt. 10c; oz. 70c; lb. \$2.00.

## BRUSSELS SPROUTS

Rosenkohl (Gr.)

Cavoli di Bruxelles (It.)

This vegetable is used in the fall and early winter and by some considered more tender and delicious than any cabbage. The plant resembles the cabbage, the edible part being the numerous very small heads or sprouts an inch or two in diameter.

### Improved Half Dwarf

Probably the most useful variety, plants growing one and one-half to three feet high, very hardy and giving compact, round sprouts of large size and good quality. Pkt. 10c; oz. 20c.



Ideal Sugar Mangel Beet

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

SPECIAL CASH DISCOUNT TO MARKET GARDENERS



## CABBAGE, Kopf-Kohl

### Early Jersey Wakefield

Oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$3.00.

The best early cabbage in cultivation. Forms fine solid heads of good size, pointed heads with few outer leaves.

### Golden Acre

It resembles the "Copenhagen Market," head perfectly round, and leaves saucer-shaped. It matures ten days earlier than Copenhagen Market. THE GOLDEN ACRE begins to form head as soon as the leaves have reached the size of a saucer and the growth may be observed almost from day to day. It matures in eighty days from date of sowing, and no other cabbage, including the earliest Jersey Wakefield, has proven as early. We believe it to be the earliest cabbage in existence. Average weight is 5 lb. Occupies only 20-inch space. Per oz. 75c; per  $\frac{1}{4}$  lb. \$2.50.

### Copenhagen Market

This new Danish cabbage is the largest and earliest ball-shaped variety known. Heads very solid, of wonderful quality, with small cores and weighing from 10 to 15 pounds. Oz. 40c;  $\frac{1}{4}$  lb. \$1.25; lb. \$4.00.



On August 5, 19 Frank L. Scoville, Buckley Road, Liverpool, N. Y., R. F. D., brought in six heads of Copenhagen Market Cabbage, grown from our seed, which weighs 137 lbs. The heaviest head weighed 29 lb. This is a most remarkable showing of this celebrated strain of Early Cabbage of which we have any knowledge, and believe this to be the "Banner" specimen known to the market gardeners. Mr. Scoville will be glad to verify the above.

**Glory of Enkhuizen** A very large early cabbage, heads nearly round, very solid, and which has proved to be one of the most profitable of the early market cabbages. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50.

### All-Head Early

Our ALL-HEAD Early is of special value, having

Early Copenhagen Market, from Actual Photograph

fine outer leaves, head very large, very solid, flat but very deep and uniform in size and shape. Fine for Kraut. Oz. 30c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

### Flat Dutch

A fine, very large, late winter variety. Very popular on account of size, quality and yield. Oz. 25c;  $\frac{1}{4}$  lb. 60c; lb. \$2.50.

### Late Drumhead

One of the old-fashioned big-growing sorts. So well known that a description is unnecessary. Oz. 25c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.00.

### Danish Ball-head

Short stemmed. We consider this the best strain of Danish cabbage. The heads are large, almost perfectly round, very hard, solid and of good deep green color. This strain of seed produces larger heads and consequently heavier yields than the old style Danish cabbage. A number of large fields in this locality have yielded as high as 22 tons per acre. There is no finer strain than this. Oz. 30c;  $\frac{1}{4}$  lb. 90c; lb. \$3.00.

### Succession

"We consider it one of our most valuable contributions to horticulture. It would be classed as a second early variety, coming in a few days later than Early Summer, but double the size. Price, oz. 25c; lb. \$3.00.

### Mammoth Rock Red

While late in maturing this has the largest heading of all the deep red varieties. Oz. 35c;  $\frac{1}{4}$  lb. 75c; lb. \$3.00.

### American Drumhead Savoy

The best of the late Savoy for house use or for the market. The plant is robust with short stem. Is very much curled or wrinkled. A sure header of large size and the best of the Green Globe Drumhead Savoy. Oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.00.

### Chinese or "Celery Cabbage"

Petsal. Oz. 30c;  $\frac{1}{4}$  lb. \$1.00.

### Remedy for Cabbage Worms

One quart salt, mix with one tablespoon Cayenne Pepper. Sprinkle moderately into heart of cabbage. Apply once a week for several weeks. Will keep worms off and produce perfect heads. Formula given by Mr. John Huller, 507 Erikson Avenue, Eastwood, N. Y.

SPECIAL CASH DISCOUNT TO MARKET GARDENERS

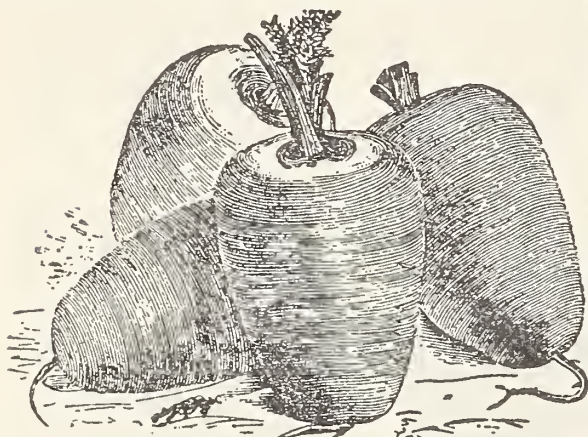


## CARROTS

Carotten (Gr.)

Carrots to grow to perfection require a deeply cultivated, rich and well pulverized soil. Sow early in the spring as soon as the soil is fit to work, in drills 15 to 18 inches apart, covering one inch deep, and press the soil firmly over the seed. If desired to cultivate with horse, make rows three feet apart.

Carota (It.)



GUERANDE OR OX. HEART CARROT

### Guerande, or Ox Heart

Tops small for the size of the roots which are comparatively short but often reach a diameter of 5 inches, terminating abruptly in a small tap root. Flesh bright orange, fine grained and sweet. This variety is especially desirable for soil so hard and stiff that longer rooted sorts would not thrive in it. When young excellent for table use, and when mature equally good for stock. Oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.

### Chantenay

Tops medium sized; necks small; roots tapering slightly but uniformly stump rooted and smooth; color deep orange-red; flesh very crisp and tender. Although this is a medium early sort, it furnishes roots of usable size as early as any, is a heavy cropper and is undoubtedly one of the best for both the market and private garden, while its great productiveness makes it very desirable as a field sort. Oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.

### James Intermediate

A variety intermediate between the Danvers and Long Orange. It tapers to a point not so blunt as the Danvers and is more symmetrical and not so long as the Long Orange. Oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.

### Long Orange

The most popular of the older sorts for farm use on mellow soil. An improvement obtained by years of careful selection of the best formed and deepest colored roots. Oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.00.

### Early French Forcing

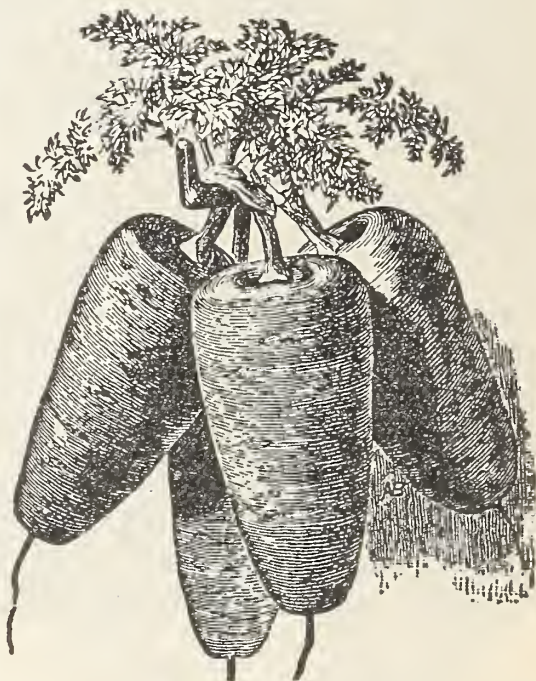
The earliest variety in cultivation and the best suited for forcing. Tops small, finely divided. The reddish-orange colored roots are nearly round. When fully matured they are about 2 inches in diameter, but should be used before they are fully grown and while young and tender. Oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.50.

### Half Long Nantes

Tops of medium size; roots cylindrical and smooth, bright orange; flesh orange, becoming yellow in center, but with no distinct core. Of the finest quality and one of the most symmetrical and handsome of the medium sized sorts; excellent for the market or home garden. Oz. 15c; lb. \$1.50.

### Early Short Horn

Excellent for early planting out of doors. Tops small, coarsely divided; roots top-shaped, but tapering abruptly to a small tap; skin orange-red. Oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.50.



CHANTENAY CARROT

### Danvers

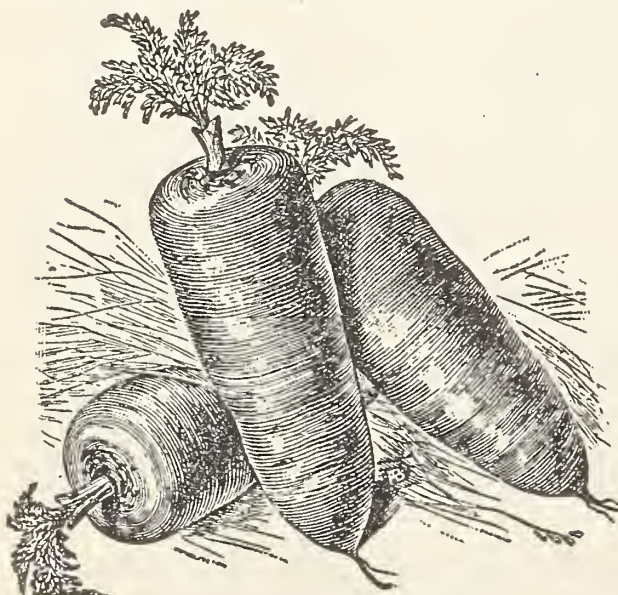
Grown largely on account of its great productiveness and adaptability to all classes of soil. Tops of medium size, coarsely divided. The smooth and handsome roots are deep orange of medium length, tapering uniformly to a blunt point; flesh sweet, crisp, tender and of a deep orange color. Although the roots of this variety are short, they produce as large a bulk as the longer field sorts and are more easily harvested. Oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.

### White Belgian

Grows one-third out of the ground. Root white, green above ground, with small top. Flesh rather coarse. The roots are of large size and the variety is extensively grown for stock feeding. Oz. 10c; lb. \$1.00.

### Improved Short White

We think this distinct variety is destined to take first rank as a field carrot, owing to its enormous productiveness and the ease with which it can be harvested. Oz. 10c; lb. \$1.00.



DANVERS CARROT

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

SPECIAL CASH DISCOUNT TO MARKET GARDENERS



## CAULIFLOWER

Blumenkohl (Gr.)

Cavolflore (It.)

The Cauliflower delights in a rich soil and an abundance of water. Sow seed for an early summer crop in February or March in a hotbed. When plants are three or four inches high, transplant four inches apart in boxes or frames. In the middle of the spring or as soon as deemed prudent, the plants may be removed to open ground. Set plants from 2 to 2½ feet apart each way. For late Cauliflower sow the seed in a cool moist place about June 1st.



Early Snowball Cauliflower

### Early Snowball

The most popular and profitable of the Cauliflower family. Heads of uniform size, snowy white, very tender, and owing to its attractive appearance a most desirable market variety. Seed grown in Denmark. Oz. \$2.00; ¼ lb. \$6.00.

### Danish Giant or Dry-Weather

This strain of Snowball Cauliflower is especially valuable for high ground, as it is more vigorous than the Early Snowball, and stands dry weather better. The heads are a little larger than Snowball and mature a week or two later and have more leaves to protect them from the sun and frost. Oz. \$2.00.

### Extra Early Dwarf Erfurt

A remarkably sure heading early cauliflower. It is of dwarf habit with short outside leaves and is similar in most respects to Early Snowball, and nearly as early. The heads when ready for market are of medium to large size. Oz. \$2.00; ¼ lb. \$6.00.

## CELERY

Sedano (It.)

**CULTURE.**—Celery seed is slow to germinate, and ample time must be given. Sow thinly; cover lightly. Keep constantly moist. Count on about 7,500 plants per ounce of seed, or ¼ pound per acre. When the seedling plants are 3 inches high they should be clipped at the top, to favor stocky growth, or else transplanted. Celery is mostly grown under flat culture, without trenches, in rows 4 feet apart, 6 inches apart in row. For home use celery is often grown in double rows, 10 inches apart, without trenching, and banked for winter storage just where it grows, without lifting.

### Golden Self-Blanching

This is the very best celery for early use. It is in condition as early in the fall as any, and we have yet to find an extra early sort equal in quality and appearance to our stock of GOLDEN YELLOW SELF-BLANCHING. Critical gardeners and consumers generally depend upon this variety to produce their best early celery. Plants of medium size, compact and stocky—with yellowish green foliage. As they mature the inner stems and leaves turn a beautiful golden yellow, so that blanching is effected at a small expense of time and labor. Oz. 85c; ¼ lb. \$2.75; lb. \$10.00.

### Wonderful

Authorities pronounce this the best golden self-blanching celery. Matures two to three weeks before any other and blanches in half the time required by others. Large, crisp, tender. No strings. Broad stalk, does not grow hollow, and all of it, including the foliage, is good eating. Its quality insures highest market price. The first shipments to the New York market from this celebrated New Jersey market garden was made about the first of July, when the market was almost bare of celery, which brought \$1.25 a bunch. Marked resistance to blight and rust, earlier maturity, superior keeping qualities. It possesses a fine, nut-like flavor, and is handsome in appearance. We offer the raiser's original strain. Pkt. 25c; ¼ oz. 75c; oz. \$2.00; ¼ lb. \$6.00.

### White Plume

A handsome, very early sort. In great demand as a market celery, owing to its very attractive appearance. Requires a short time only for blanching. Leaves light green with tips almost white. Oz. 30c; ¼ lb. \$1.50; lb. \$3.50.

### Easy Blanching

A new variety of great merit. The habit is dwarf and compact, with light green foliage which has almost a yellowish hue. It is very easily blanched and might be termed a second-early variety, as it is ready for use to follow Golden Self-Blanching. Due to the solidity of the stalks it is a first-rate keeper, and may therefore be grown for winter and spring use. The flavor is first-class, while the stalks are pure white, heavy and crisp. Oz. 90c; ¼ lb. \$2.00.

### Giant Pascal

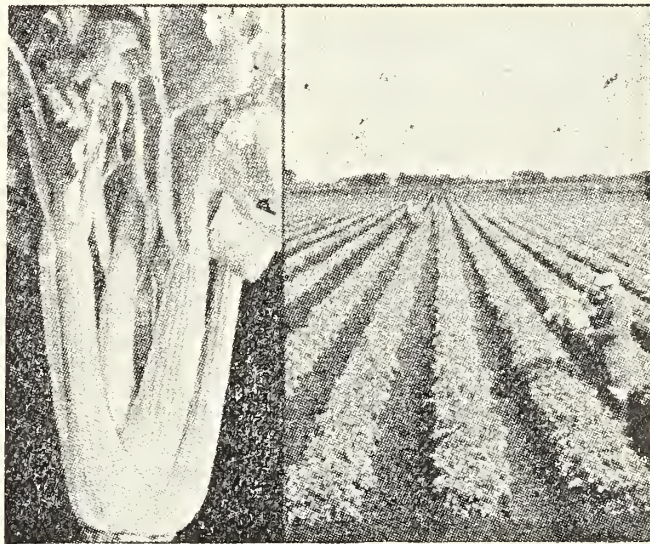
A splendid green leaved late variety, fine for fall and early winter use. It blanches to a beautiful yellowish white color. Very solid and crisp and of a fine nutty flavor. Stalk of medium height, very thick. The upper portions nearly round. Splendid for fall or winter use, especially in the South. Oz. 40c; ¼ lb. \$1.00; lb. \$3.50.

### Winter Queen

This is without question the most valuable variety of celery for winter and spring use, even excelling the celebrated PERFECTION HEARTWELL as a winter keeper. It is also much stouter, thicker and heavier with double the amount of heart of any known celery. Oz. 30c; ¼ lb. \$1.00.

### Sutton's Superb Pink

English grown seed stock. Very crisp, sweet and tender. Favorite with the English gardener. The finest of all celery for family use. ¼ oz. pkt. 50c.



Golden Yellow Self-Blanching



**CELERIAC, or GERMAN CELERY**

**Large Smooth Prague** The best of all with a large smooth root of splendid quality. Pkt. 5c; oz. 25c.

**CHICORY**

**Cichorien-Wurzel (Gr.)**

**Cicoria selvatica (It.)**

**Witloof**

Known in restaurants as French Endive. Sown in May and June in drills. Transplant or thin to 6 inches; treat as endive, except that late in summer or fall it should be gradually banked up like celery. The stalks, when blanched, make a delicious salad. Oz. 20c; ¼ lb. 75c.

**SWEET CORN**

**Welschkorn (Gr.)**

**Mals (It.)**

A rich, warm, alluvial soil is the best, but excellent sweet corn can be raised on any good, ordinary soil, if it is deeply and thoroughly worked before planting. If planted in rows, make the rows about three and one-half feet apart and place the seed fourteen to sixteen inches apart in the row. If planted in hills, make the hills three feet apart each way, six kernels to the hill. Hoe frequently, and when six inches high leave three or four plants in the hill.

**Early Mayflower**

The Early Mayflower Sweet Corn is the earliest White Corn on the market; has an ear 8, 10 and 12 rowed; is about 5 ft. high and its large ear ripening so very early makes it a most attractive and desirable variety for the critical market gardener. Very sweet and tender. 1 lb. 40c; 2 lb. 70c; 10 lb. \$3.00.

**Mammoth White Cory**

We consider this the best extra early corn. Ears very large for so early a variety. Stalks about 4 feet high, each generally bearing two large, finely shaped ears which become fit for use as early as those of any variety in cultivation. They are twelve-rowed, 6 to 7 inches long. Grain large, broad, very white and of remarkably good quality. 1 lb. 30c; 2 lb. 60c.

**Golden Bantam**

A beautiful golden yellow, sweet and tender. In season it comes in mid-summer about the time of Improved Champion. A most important point in favor of Golden Bantam is that it holds its quality longer after being picked than any other variety we have tested (one of the greatest advances in sweet corn in this respect in years). As a market variety for wagon or fancy grocery trade. Golden Bantam has many points in its favor. It is of merchantable size, and in addition it possesses superlative quality. 1 lb. 35c; 2 lb. 70c; 10 lb. \$3.00.

**Golden Cream**

(Or Improved Golden Bantam). A distinct extra early variety. A cross between Golden Bantam and Country Gentleman. The ear is similar in appearance to Country Gentleman, but the color is rich cream, cooking to a light golden yellow. The flavor is rich, nutlike and delicious. The stalks make a rapid growth, producing from 2 to 4 ears each. This new variety possesses genuine merit and we recommend that all lovers of good corn give it a trial. 1 lb. 40c; 2 lb. 75c; 10 lb. \$3.00.

**Ebeling's Golden Giant**

This valuable extra early sweet corn has been developed after 14 years' careful selection. It is a cross between Howling Mob and Golden Bantam, two eminently popular varieties. It makes luxuriant growth, bearing on heavy stalks, 4 to 6 ft. tall, two to three ears, twice the size of the Golden Bantam. The cob contains 12 to 18 rows, which completely cover the entire surface; another notable feature is its heavy husk, which protects it from the ravages of birds and worms. We offer seed grown from the originator's stock. 1 lb. 40c; 2 lb. 70c; 10 lb. \$3.00.

**Howling Mob**

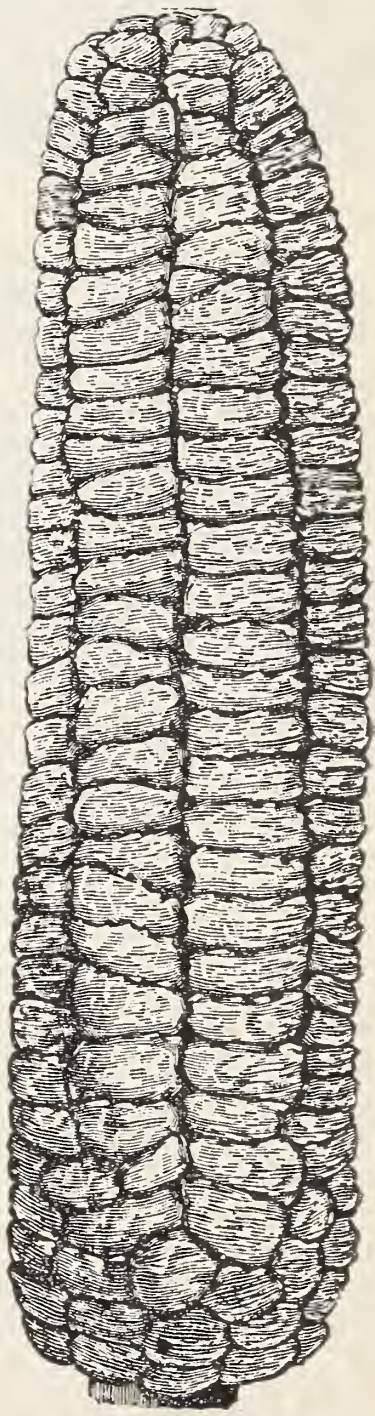
This corn originated in Ohio and it became so popular it was given the above name. The endeavor of the originator of this corn, was to get as large an ear as possible, early in the season and of sweet flavor. This corn is of strong and vigorous growth, from 4½ to 5 feet high and has abundant foliage and generally produces two ears to each stalk. Ears measure 7 to 9 inches in length with 12 or 14 rows. The corn is pearly white, usually covered with a heavy husk which extends well over the tip of the ears which affords a good protection from worms and birds. 1 lb. 35c; 2 lb. 60c; 10 lb. \$2.75.

**Perry's Hybrid**

This is a very popular Eastern variety. Stalks about 6 feet high, bearing two ears about 8 inches long, 12 or 14 rowed, which often have a red or pink cob; grain medium sized, cooking very white and tender. Matures a little later than early Minnesota. 1 lb. 35c 2 lb. 65c; 10 lb. \$2.75.

**Black Mexican**

This corn, when in condition for the table, cooks a bluish black. It is surpassed by none in tenderness and is a most desirable second early sort; ears about 8 inches long, usually eight-rowed. 1 lb. 35c; 2 lb. 60c; 10 lb. \$2.50.



GOLDEN BANTAM CORN.

SPECIAL CASH DISCOUNT TO MARKET GARDENERS  
PRICES SUBJECT TO CHANGE WITHOUT NOTICE



**Golden Evergreen Sweet Corn**

New variety, extra fine, very sweet and tender, and keeps in eating condition longer than most sweet corns. Ten days to two weeks earlier than Stowell's Evergreen. A cross with Stowell's Evergreen and Sweet Orange, which is a second early, yellow, very tender and extra sweet variety. Golden Evergreen has a medium sized ear and stalk, making it a desirable sweet corn for market gardeners. Originated a few years ago by Charles Coolidge, a market gardenner of Ontario County, New York. Took first premium at the N. Y. State Fair in 1916 and 1917, only times exhibited. 1 lb. 40c; 2 lb. 75c; 10 lb. \$3.00.

**Early Evergreen**

We have tested many samples of Evergreen corn that were claimed to be earlier than Stowell's Evergreen and to be just as good, but we have never found any of them so valuable as the stock of this variety we offer. It has been proven both on our trial grounds and in the field to come into fit condition for use much earlier than Stowell's Evergreen and to remain in condition quite as long. Ears about seven inches long, with fourteen to twenty more or less irregular rows with very deep grain which is of the very best quality. Plants average from six and one-half to seven feet high and in ear resemble those of Stowell's Evergreen, but differ in earliness and we think are more uniform. A standard main crop variety for home garden and market; also well adapted for canning. 1 lb. 40c; 2 lb. 70c; 10 lb. \$3.00.

**Stowell's Evergreen**

This standard main crop variety excels all other late sorts in sweetness and productiveness. It is more popular than any other for canning, for marketing and for the home garden. Great care has to be exercised in the selection of stock to grow seed from, as this variety has a tendency to deterioration and a shorter grain, which makes it less sugary and desirable. We have a large and growing trade among canners and market gardeners who must have a genuine Stowell's Evergreen, and our stock is known as the safest for all purposes. 1 lb. 40c; 2 lb. 70c; 10 lb. \$3.00.

**Country Gentleman**

There is no sweet corn that compares with the Country Gentleman for sweetness. It is the variety par excellence where quality is desired. Market gardeners who make a specialty of growing for hotels and high class restaurant trade use this as a main crop in preference to any other. For home use it will be found superior and it is very productive. The fact that it is a favorite variety with canners proves its merit. 1 lb. 30c; 2 lb. 60c; 10 lb. \$2.50.

**CORN SALAD**

Feldsalat (Gr.)

Large round leaved or small seeded. Oz. 15c; lb. \$1.50.

Valeriana (It.)

**CHERVIL, Curled, Gartenkerbel**

Treat like parsley. A valuable flavoring herb. Oz. 20c; lb. \$1.50.

**CRESS OR PEPPERGRASS, Kresse**

Kresse (Gr.)

Agretto (It.)

**Cress**

Fine for salads.

Garden curled. Oz. 15c; lb. 85c.

**Water Cress, Dwarf**

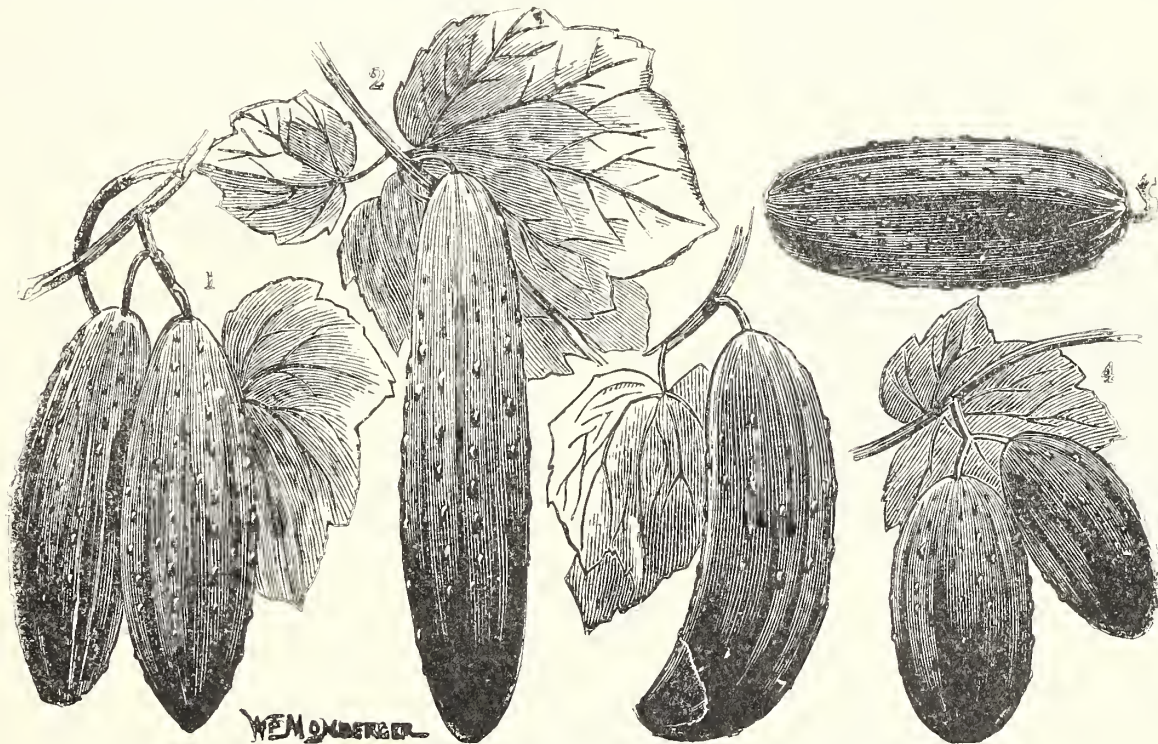
Fine curled, grows in shallow water. Oz. 45c.

**CUCUMBERS**

Gurken (Gr.)

Cetriolo (It.)

**CULTURE.**—Flourish best in a rich, warm, sandy loam. Sow when danger of frost is over in hills four or five feet each way. As the young plant has many enemies sow thickly half an inch deep, and thin out finally to three or four plants to the hill. Use one ounce of seed to 75 hills, two to three pounds to the acre. Gather cucumbers by cutting, not tearing. Leave none to ripen if you want a full crop.



The Above Shows the True Type of Cucumbers

No. 1, Early Cluster; 2, Long Green; 3, Early Frame; 4, Early Russian; 5, White Spine

**Early Cluster**

An early and very productive variety. Fruit small, thick at the end, dark green, but lighter at blossom end, borne in pairs or clusters and largely near the root. Used to some extent for pickles. Oz. 15c; 1/4 lb. 40c; lb. \$1.50.

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**Early Fortune** Slightly longer than "Arlington White Spine," more cylindrical in shape, with very dark green skin and thick flesh, which is tender and crisp, making it especially good for slicing. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

**Early Frame, or Short Green** Fruit short, straight, small at each end, bright green, lighter at blossom end, and, although small, attractive and of excellent quality. Used both for slicing and pickling. Vine vigorous and produces fruit of suitable size for slicing. Oz. 15c; ¼ lb. 40c; lb. \$1.50.

**White Spine Improved, or Arlington** Great bearer; standard for outdoors. Oz. 15c; ¼ lb. 40c; lb. \$1.75.

**Davis Perfection** A distinct variety of the hardy White Spine type. Fruit large, symmetrical, dark green and thickly set with fine spines. Though especially recommended for pickling, it is valuable for slicing, being of excellent quality. Vine vigorous, prolific, bears a long time. Oz. 15c; ¼ lb. 40c; lb. \$1.50.

**Long Green** Fruit from 10 to 12 inches long, dark green, very firm and crisp. It is used largely for slicing, but on account of its firmness and crispness is popular with some for pickling and is especially desirable, when mature, for sweet pickles. Vine of strong, vigorous growth, and productive. Oz. 15c; ¼ lb. 50c; lb. \$1.75.

**Boston Pickling** A favorite for pickling. Medium size; smooth; light green; productive. Oz. 15c; ¼ lb. 40c; lb. \$1.50.

**Chicago Pickling** This variety is preferred above all others by some of the largest pickling establishments in Chicago and elsewhere. It is one of the best for the purpose, combining almost every good quality, and being alike satisfactory to grower and pickle maker. I have a choice strain of this seed. Oz. 15c; ¼ lb. 40c; lb. \$1.50.

**Japanese Climbing** Vigorous grower, with strong, grasping tendrils which enable it to climb trellis, netting or brush. Fruit of good size. Oz. 15c; ¼ lb. 60c; lb. \$1.75.

**Rollison's Telegraph** A standard greenhouse variety. English greenhouse grown stock. ½ pkt. 30c; pkt. 50c.

**Small Gherkin** A curious, rough, little cucumber, used exclusively for pickling, for which purpose it is in high favor. Makes handsome pickle of first-class quality. Oz. 15c; ¼ lb. 50c; lb. \$2.00.

## DANDELION

**Broad-Leaved Common** Extra selected with large broad leaves. An excellent and healthful salad plant. Pkt. 20c; ½ oz. 60c; oz. \$1.00; ¼ lb. \$3.50. Pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.50.

## EGG-PLANT

Eierpflanze (Gr.)

Petronclano (It.)

**CULTURE.**—Plant the seed in March in a hotbed, or, for family use, in flower pots in a warm window. Transplant in open ground after weather has become warm and settled. in rows two feet apart each way. They require rich soil and as favorable a location for warmth as the garden will afford. One ounce to one thousand plants.

**Black Beauty** Considered the earliest of the large fruited varieties. Color, a rich purple. Pkt. 10c; oz. 50c; 4 oz. \$1.50.

**New York Improved Purple** Surpassing all in size of fruit. Standard market sort. Oz. 50c; ¼ lb. \$1.50.

## ENDIVE

Endivien (Gr.)

Endivia (It.)

"Escarolle"

Broad Leaf

**CULTURE.**—Sow as soon as the ground can be worked, in drills 15 inches apart, and thin plants to 6 to 8 inches in a row. To blanch the leaves, gather them carefully together when perfectly dry, and tie with matting or any soft fibrous material. The leaves are very highly esteemed for use as salads. One ounce will sow 150 feet of drill.

**London Green Curled** A standard sort. Oz. 15c; ¼ lb. 35c; lb. \$1.25.

**White Curled** A beautiful variety, with leaves as finely curled or mossed as the preceding, but of an attractive light green color. Blanches easily and has a most delicious and crisp flavor. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.50.

**Broad Leaved Batavian** A large summer variety. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.50.

**Garlic** Knoblauch (Gr.) Sets, lb. 60c. Agilo (It.)

**Herbs** Aromatic, medicinal and pot herbs. See page 30.

**Kale or Borecole** Blaetterkohl (Gr.) Sow in May and transplant in June, and treat generally as for cabbage. Cavolo rapa (It.)

**Dwarf Curled Scotch** A standard variety. Oz. 15c; ¼ lb. 50c.

**Tall Green Curled** Oz. 15c; ¼ lb. 50c.

Knollkohl (Gr.)

Cavolo rapa (It.)

**Kohl-Rabi** White, above ground. Pkt. 10c; oz. 30c; ¼ lb. 75c.

Purple, above ground. Pkt. 10c; oz. 30c; ¼ lb. 75c.

**Leek—American Broad Flag** Porree (Ger.) Pkt. 10c; oz. 25c; ¼ lb. 75c.

Porro (It.)

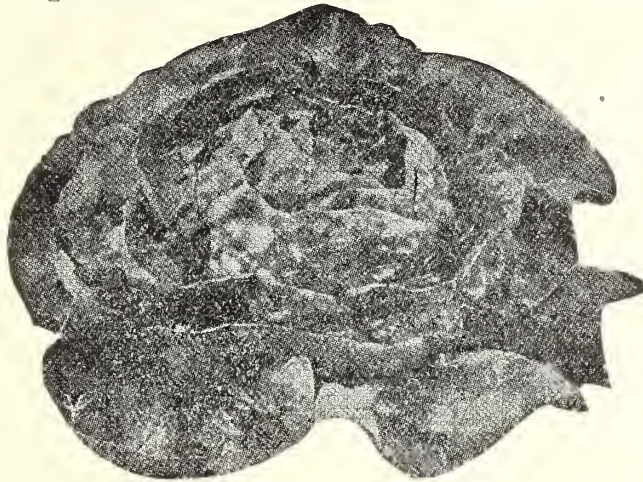


Kopfsalat (Gr.)

**LETTUCE**

Lohuga (It.)

**CULTURE.**—Lettuce thrives on nearly all soils, but because the growth should at all times be rapid to insure crispness and best flavor, the soil should be heavily enriched and well worked before planting. Lettuce being quite hardy, seed may generally be sown as soon as ground can be fitted.

**Big Boston Lettuce**

glass and of slightly reddish cas when grown in the open. Tender, crisp. Pkt. 10c; oz. 20c; lb. \$2.00.

**May King** (Seed white.) This is a handsome, extremely early, compact cabbage or heading variety for the home garden and market, forming very firm heads of medium size and excellent quality. The color is light yellowish green, tinged with reddish brown when mature. The inner leaves blanch rich golden yellow, very tender and buttery. The plant is very compact for so large a head. Oz. 20c; ¼ lb. 60c; lb. \$2.25.

**Grand Rapids Lettuce**

**Simpson Early Curled** (White Seeded)—A very extensively used early loose leaved or clustering variety. Leaves light green, slightly frilled and much blistered. Crisp, sweet and tender. Especially adapted for thick sowing. Very fine for poultry feeding. Pkt. 10c; oz. 20c; lb. \$2.00.

**Grand Rapids** (Black Seed) — As a greenhouse forcing lettuce this stands at the head of the list. Quick growing, very hardy—not liable to rot. Will be fit for cutting. The plant is upright, forms a loose cluster of large thin bright green leaves, savoyed, finely crumpled at the edges. Very attractive and desirable for garnishing. Pkt. 10c; oz. 20c; lb. \$2.00.

**Onondaga** This remarkable variety was introduced by us many years ago. A splendid greenhouse sort, slightly fringed, forming a semi-head, a wonderful shipping and keeping variety, green under the open. Tender, crisp. Pkt. 10c; oz. 20c.

**Big Boston** This market variety is very popular for outdoor culture and is also in demand as a compact, large heading, forcing sort for cold frames. The plants are large, very hardy and vigorous. The leaves are broad, comparatively smooth but wavy at the edge, very hardy and vigorous. Thin, very hard and crisp. In color bright light green, the head slightly tinged with reddish brown. The inner leaves blanch to an attractive greenish white, tinged with light yellow. It heads up under cold weather conditions better than any other variety. Pkt. 10c; oz. 25c; lb. \$2.50.

**Unrivaled** Same as Big Boston, but smaller and earlier. Pkt. 10c; oz. 25c; lb. \$2.50.

**Hanson Head** (Seed white.) A very desirable late summer lettuce. The plant is compact and forms a cabbage like head which remains in condition longer than summer-head sorts. Outer leaves bright, yellowish green and broad. Somewhat crumpled and frilled edge and with a distinctive mid-rib. Inner leaves white, crisp and sweet. Pkt. 10c; oz. 20c; lb. \$1.50.

**Iceberg or New York Head** Curled or crisp as iceberg, dark green heads somewhat conical. Pkt. 10c; oz. 20c; lb. \$2.50.

**Yellow Seeded Butter** Cabbage Butterhead, medium large, medium green, leaves crumpled and rather thick. Pkt. 5c; oz. 15c; lb. \$2.00.

**Romain or White Cos** The Cos Lettuce differs in shape from other sorts. Head being elongated and of conical form, about nine inches in height and about six inches in diameter. Outer coloring yellow green. To secure best results it should be tied up. Pkt. 10c; oz. 20c; lb. \$2.00.

**Chicken Lettuce** Does not make a head but sends up a stout stalk three to four feet high. Just loaded with leaves. When once cut it starts to grow again. Pkt. 10c; oz. 25c; lb. \$2.25.

Melone (Gr.)

**MUSKMELON**

Popone (It.)

The Muskmelon succeeds best in warm, rich soil. While both plant-food and humus are necessary to all plants, all vines require an extra amount. Manure contains both, while rotted turf and commercial fertilizer combined supply both. If manure is used it should be well rotted, finely pulverized and evenly distributed through the soil.

**Hoodoo Muskmelon** As a Muskmelon for the private garden, this variety will surely please all who plant it. The vines make a strong and vigorous growth, which enables them to withstand disease and produce an abundant crop of the most delicious muskmelons one can imagine. The melons are not large, but of convenient size, and present a fine appearance. The rind and flesh at blossom end are very firm, the skin is thickly netted, and the flesh a rich, deep orange color, fine grained and of remarkable sweetness. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$2.00.

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**Netted Gem or Rocky Ford** This has become one of the most popular of small or crate melons and is shipped in large quantities from Colorado and Arizona. It is also a desirable medium early sort for the home and market garden. The vines are vigorous and productive. The fruits are oval, slightly ribbed, densely netted, covered with fine netting. The flesh is green, very sweet and highly flavored. We offer an exceptionally fine stock of this early sort, the fruit being very uniform in shape and quality and of the even size that is so desirable in a shipping melon. Oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

## Rocky Ford, Rust-Resisting, Like Netted

**Gem** More largely grown than any other of the small or basket melons and shipped in enormous quantities from Colorado and Arizona. Fruit oval, slightly ribbed, densely covered with fine netting; flesh green, thick, very sweet and of rich flavor. Oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

**Montreal Green Nutmeg** Large, round, slightly flattened at both ends, ribbed and covered with dense netting; flesh remarkably thick and of light green color, of fine flavor. Vine vigorous and productive. Oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$2.00.

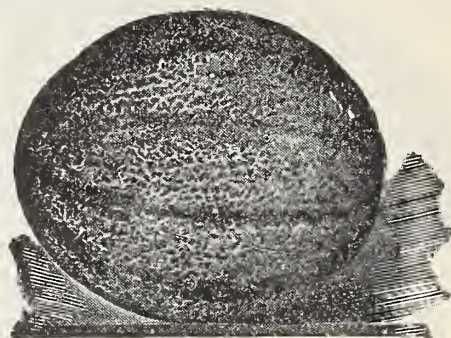
**Benders Surprise** A fine variety of exceptional merit. The fruits are round and deeply ribbed and finely netted. A salmon fleshed, thick meated, delicious in flavor. Oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.25.

**Extra-Early Hackensack** Fruit of good size, nearly round. Flesh green, a little coarse, but very juicy and sweet, and of good flavor. Vine very productive. Oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.50.

**Miller's Cream Osage** Larger than Emerald Gem; nearly round in form, but having the same distinct dark green skin with lighter bands between the ribs, and thick, firm, orange flesh of fine quality. Oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00, postpaid.

**Honey Dew Melon** "Sweetest Melon Ever Grown." The rind is a dull white when ripe. Part of the melon shows a slight check in the rind like a tendency to net. This appears when the melon is ready to pick. The size runs from six to seven inches in diameter from top to bottom, and eight inches in length. The matured melons are practically all of the same shape and size. Flesh is a light green and is almost honey sweet. This melon is the best of all shippers and will keep several weeks, so there is honey sweet. This melon will keep several weeks. This is one of the best market melons known. Vines vigorous, and produce six to ten fine melons to the hill. Oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

**Emerald Gem** A splendid early variety, coming in just ahead of Rocky Ford; fruits deep emerald green in color, globular or slightly flattened, irregularly and distinctly ribbed and lightly netted; flesh very thick, sweet and of a deep, rich salmon yellow, having an exceedingly small seed cavity. One of the best melons for the home garden and local market, but not a shipper. Oz. 20c; lb. \$1.75.



Rocky Ford Muskmelon

## WATERMELON,

Melone (Gr.)

Popone (It.)

**Sweet Heart** Introduced in 1894 and is very popular as a shipping melon particularly in the South. Vine vigorous and very productive, ripening its fruit evenly. Fruit of largest size, oval, very heavy, rind thin but firm; color very light green, very slightly veined with a little darker shade. Flesh bright red, firm but very tender and sweet. Fruit remains in good condition a long time after ripening. Seed black. Our stock will be found very uniform in shape, size and color. Oz. 10c; lb. \$1.00.

**Cuban Queen** This magnificent variety was originally brought from the West Indies, and seed first offered in 1881. The melons are of large size, oblong in form, slightly tapering at the stem end. Skin beautifully striped in dark and light green. Rind quite thin, but tough enough for shipping. Flesh bright red, remarkably firm, and of luscious quality. Oz. 10c, lb. \$1.00.

**Cole's Early** An early, oval-shaped variety. Large heart, flesh of fine texture and good flavor. It grows to a medium size, and the skin is green with light stripes. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.

**Harris' Earliest** This excellent watermelon grows rather large for an early variety, slightly oval in shape, skin mottled light and dark green. It is uniform in size and shape; the flesh is solid, bright red, very tender and sweet. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.00.

**Fordhook Early** Fordhook Early Watermelon will ripen in sections too cool to grow such large size which can make this claim. If you have been under the impression that you could not grow watermelons in your garden on account of the short season and comparatively cool weather, we would suggest that you make a trial with Fordhook Early. Oz. 20c;  $\frac{1}{4}$  lb. 45c; lb. \$1.25.

**MUSHROOM SPAWN** Large, vigorous and finely flavored mushrooms, either French or English. Brick (about  $1\frac{1}{4}$  lbs.), 45c.

## MUSTARD

**White English** Leaves comparatively small and smooth, deeply cut or divided and of medium dark green color. Plant upright, of rapid growth and soon bolts to seed. Leaves, when young, are mild and tender. Seed light yellow and larger than that of other varieties. Oz. 15c; lb. 60c.

**Southern Giant Curled** Leaves large, light green with tinge of yellow, much crimped and frilled at edges. Plant upright or slightly spreading in growth. Highly esteemed in the South for its vigorous growth, hardiness and good quality. Seed small, reddish brown to nearly black. Oz. 15c; lb. 75c.



## NASTURTIIUM

### Tall Mixed Garden

Sometimes called Indian Cress. Grown not only for ornament but the beautiful orange colored flowers and foliage are used for garnishing and the young leaves or shoots are excellent for salads. The green seed pods are greatly esteemed by many for use in mixed pickles. Early in spring sow, preferably in rather light soil, in rows 3 feet apart and 2 inches apart in the row, covering one inch deep. When the young plants are about four inches high thin to six inches apart in the row. The vines can be supported if so desired by stakes, strings or brush. Oz. 15c; 1/4 lb. 30c; lb. \$1.00. For other varieties of Nasturtium see flower seed pages.

## OKRA, OR GUMBO

The young seed pods are used in soups, stews, catsups, etc. Highly esteemed in the South. After danger of frost is past, the ground being warm and in good condition, plant in rows about two and one-half feet apart, covering with about an inch of fine soil firmly pressed down. When about three inches high, thin to about one foot apart in the row. Cultivate and keep free from weeds. The pods are in best condition for use when from one to three inches long.

### White Velvet

Plant is about three and one-half feet high, early maturing and very productive. Pods white, long, smooth and are tender until nearly full sized. Oz. 15c; lb. 75c.

## ONIONS

Zwiebel (Gr.)

Cipolio (It.)

### How to Raise Onions for the Market

**THE SOIL.**—We prefer a soft, dark sandy loam, not too fine. This is much better if it has been cultivated with hoed crops, kept clean from weeds and well manured for two years previous, because if a sufficient quantity of manure to raise an ordinary soil to a proper degree of fertility is applied at once, it is likely to make the onions soft. The same result will follow if we sow on rank mucky ground or on that which is too wet, and it is impossible to raise either a large or profitable crop on stiff clay, very light sand or gravel.

**PREPARATION.**—Onions respond well to very liberal manuring. As much as forty loads of stock manure well composted or one ton of high grade commercial fertilizer per acre needed will vary with the soil, the seed used and the kind of onions desired. Thin seeding gives much larger onions than thick seeding. Four or five pounds per acre is the usual quantity needed to grow large onions. We prefer a drill that sows a very close row.

### Prizetaker

Grows to an immense size and for fall marketing is unexcelled. Although of such great size, it is very hardy and a fair winter keeper, as it ripens up hard and firm; very fine grained, and of mild, delicate flavor. The outside skin is rich yellow while the flesh is white. Oz. 75c; lb. \$8.50.

### Southport White Globe

This grows to a very large size and is a perfectly globe-shaped onion. Color is a clear pure white. This variety is used by the market gardeners for bunching. Oz. \$1.00; lb. \$10.00.

### Early Flat Yellow Danvers

A good variety, but not as round or quite as early as the Yellow Globe Danvers. Very productive. Oz. 60c; lb. \$5.00.

### Southport Yellow Globe

A large perfectly shaped Globe onion and an excellent onion for keeping throughout the winter. A very heavy cropper, handsome in appearance and good dark yellow color. Oz. ...; lb. ....

### Yellow Globe Danvers

This fine onion is of large size. An early and abundant cropper. Bulbs very thick, flat or slightly convex bottoms, full oval top with small neck and rich brownish yellow skin. Oz. \$1.00; lb. \$9.00.

### Ohio Yellow Globe

An early Globe onion, small neck and very uniform in size and color. Very popular in the marsh onion sections of Ohio and Indiana. We have an excellent stock of this standard variety. Oz. \$1.00; lb. \$9.00.

### Southport Red Globe

This is a fine keeper. Large size and considered one of the best red onions. Flesh is fine grained, very mild and tender. Oz. 85c; lb. \$8.50.

### Brown Bottom Sets

Treated precisely as top onions are, setting them out in the spring instead of sowing seed. Qt. 40c; per bu. \$4.00.

### Yellow Bottom Sets

Like the preceding except in color and used in the same manner. Qt. 40c; per bu. ....



Yellow Globe Danvers Onion

### White Bottom Sets

These do not keep as well as the brown or yellow, but produce beautiful white onions early in the season. Per qt. 40c; per bu. ....

Prices of all onion sets are subject to fluctuations of the market throughout the season, or as long as our stock lasts.

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**White Portugal** American Silver Skin. This is the best sort to sow—for onion sets or for pickling. When sown thickly for either it makes a small, round, hard bulb. Oz. \$1.00; lb. \$9.00.

**Ailsa Craig** A handsome globular variety, growing to an enormous size, with pale yellow skin, flesh white, a good keeper and valuable for exhibition purposes. Very fine for home gardens. Oz. 75c; lb. \$6.50.

**Large Red Wethersfield** We have a very fine and select strain of this sort. Color is deep purplish red, flesh white, moderately grained and very firm. Yields an enormous amount per acre, and is one of the best winter keeping onions. Oz. 55c; lb. \$5.50.

**Extra Early Flat Red** This variety matures from ten days to two weeks earlier than the Red Wethersfield. The color is a deep rich red, fine grain and close. Oz. 60c; lb. \$6.00.

Petersille (Gr.)

## PARSLEY

Prezzemolo (It.)



Double Curled Parsley

**CULTURE.**—Sow seeds in shallow drills in the early Spring for border, or in rows 12 to 18 inches apart, care being taken that the drills be not more than one-half inch in depth, and that the seed be well pressed down after sowing, as the seed germinates very slowly, three to five weeks elapsing sometimes before it makes its appearance. Use one ounce to 150 feet of drill three pounds to an acre. Cultivate frequently.

**Plain Parsley** The leaves of this variety are flat, deeply cut but not curled. Very desirable for flavoring soups and stews and for drying. It is a favorite on account of its very dark green leaves, as well as its hardness. The curled sorts are very extensively used for garnishing. Pkt. 10c; oz. 15c; lb. \$1.00.

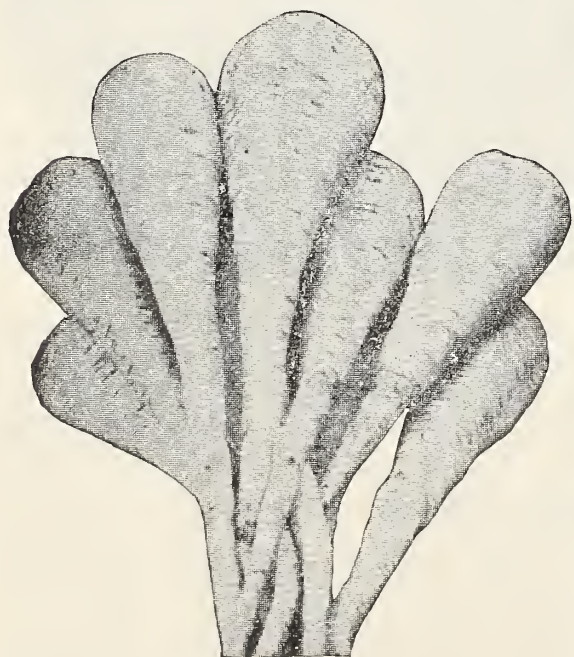
**Champion Moss Curled** This is a vigorous compact growing variety, excellent for garnishing and flavoring. A handsome decorative plant. Leaves very finely cut and so closely crisped or curled as to resemble bunches of moss. Fine deep green color and very attractive foliage. Pkt. 10c, oz. 15c, lb. \$1.25.

Pastinake (Gr.)

## PARSNIPS

Pastinaca (It.)

**CULTURE.**—Sow in early spring, in rows two to three feet apart, thin to four or six inches in the row. One ounce of seed will sow 200 feet of drill, four to five pounds per acre in drills two and one-half feet apart. Cover the seed one-half inch. Use rotted manure and fertilizer. Parsnips may be left in the ground all winter.



**Improved Hollow Crown** This really is the greatest old-time favorite among the parsnips and has a host of friends which it will never lose. It is very smooth, white with a very thick shoulder and tapering down to a graceful point. One of the best known, none better. Oz. 15c; lb. 90c.

### Guernsey (Improved Half-Long)

Greatly improved strain. The roots do not grow as long as the Hollow Crown, but are of greater diameter and very easily gathered. A very heavy cropper. Roots very smooth. Flesh fine grained and of excellent quality. Oz. 15c; lb. \$1.00.

**Kelway's Don** A half long variety of our introduction, selected for handsome form, size, whiteness of skin and flesh and firmness and solidity of texture. Recommended for exhibition (see illustration). Oz. 20c; lb. \$1.25.

**Early Short Round** This is the earliest of all parsnips, and for this reason widely grown in the home garden. It will give a good yield when sown as late as June, and will make a succession crop to early maturing vegetables. The roots often measure 5 to 6 inches across and 3 to 4 inches deep. Pkt. 10c; oz. 20c; lb. \$1.25, postpaid.

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## PEAS

Erbsen (Gr.)

Piselli (It.)

For early peas the soil should be light and warm, but for general crop a moderately heavy soil is better. Fresh manure and very rich or wet mucky soil should be avoided, as they cause a rank growth of vine at the cost of the quality of the peas; such soil is often the cause of early sorts maturing unevenly. Sow as early as possible a few of some early variety on warm, quick soil, prepared the fall before, planting in double rows six to eight inches apart and two and one-half to four feet between the double rows. The general crop can be delayed until later, but we have met with better success from sowing all the varieties comparatively early, depending for succession upon selecting sorts that follow each other in maturity.

**Earliest of All, or Alaska** By careful selection and growing we have developed a stock of this smooth blue pea of unequalled evenness in growth of vine and early maturity of pods which are filled with medium sized, bright green peas of good flavor. Vines of medium height, about two and one-half to three feet and of distinctive light color. Pods of good size, about two and one-half to two and three-fourths inches long. Seed small, smooth, and bluish green in color. Matures all the crop at once and is an invaluable variety for market gardeners and canners. Lb. 40c; 2 lb. 70c; 10 lb. \$2.25.

**Thomas Laxton** A very early wrinkled variety of great merit. Vine vigorous, of medium height, about three feet, similar to that of Gradus, but darker in color, hardier and more productive. Pods large, often four inches long, with square ends, similar to but larger, longer and darker than those of Champion of England and as uniformly well filled. The green peas are very large, of fine deep color and unsurpassed in quality. We are certain that the earliness and productiveness of this pea need only to be known to make it one of the most popular sorts for the market and home garden, as in appearance and quality it is one of the very best varieties yet produced. Lb. 35c; 2 lb. 60c; 10 lb. \$2.50.

**Gradus** A very early, wrinkled pea. Vine similar in appearance to Telephone, but of medium height, only about three to three and one-half feet. The pods are very large, about four and one-fourth inches long, very nearly as large as those of Telephone, uniformly well shaped, pointed, handsome and more attractive than those of the first earlies. Peas very large, of splendid quality and beautiful light green color which they retain after cooking. Practically the same as Prosperity. Lb. 35c; 2 lb. 60c; 10 lb. \$2.50.

**American Wonder** Vigorous, productive vines, with a luxuriant foliage, and producing the leaves on one side of the stock, growing from 9 to 12 inches high. On account of its dwarf habit of growth it is very desirable for private garden use. Pods are light colored, straight, round, about two and one-half inches long and blunt at the end. Fit for picking seventy-five days from planting. Seed is wrinkled, green, medium in size and square at the end. Lb. 35c; 2 lb. 60c; 10 lb. \$2.50.

**Nott's Excelsior** Resembling Gems in habit, but more dwarf and uniform in growth, height 12 to 17 inches, with rather light foliage. Pods are light in color, round, about two and one-half inches long, blunt at the ends. Fit for picking seventy-seven days from planting. Seed green, wrinkled, medium in size and square at the ends. Lb. 35c; 2 lb. 60c; 10 lb. \$2.25. Nott's Excelsior, Marvelous and Smith Excelsior are the same.

**Little Marvel** We are sure that as soon as American gardeners, whether for pleasure or profit, become acquainted with Little Marvel they will drop both Little Gem and Nott's Excelsior, popular as these two varieties are today. The vines, of dwarf even growth, average fifteen inches in height and are heavily set with fine pods, frequently borne in pairs. The pods average two and one-half inches in length, are square at the bottom and well filled with six to seven quite large, deep green peas. The peas are ready for the table fully as early as American Wonder or Nott's Excelsior, while the pods are larger and the vines produce a much heavier crop. All who desire a fine early crop of the choicest quality of wrinkled peas will be delighted with Little Marvel. Lb. 35c; 2 lb. 60c; 10 lb. \$2.50.

**Premium Gem** Desirable early green wrinkled dwarf variety similar to but better than McLean's Little Gem. The vine is very productive and grows to a height of from fifteen to eighteen inches. The pods are of medium size and crowded with six to eight very large peas of fine quality. The seed is green, large, wrinkled, often flattened. Lb. 30c; 2 lb. 55c; 10 lb. \$2.25.

**Potlatch or Improved Stratagem** Strong, vigorous vines of even growth, 20 to 24 inches in height, with luxuriant dark foliage, bearing pods medium green in color, three and one-half to four inches in length. Broad and pointed at the ends. No variety known will produce more pods, and no pods could possibly shell out better. The Potlatch is a variety from which anyone may expect great things. Fit for table use 61 days from planting. Seed green, wrinkled, large in size. We consider ourselves very fortunate in having secured and introduced this pea. Lb. 30c; 2 lb. 55c; 10 lb. \$2.25.

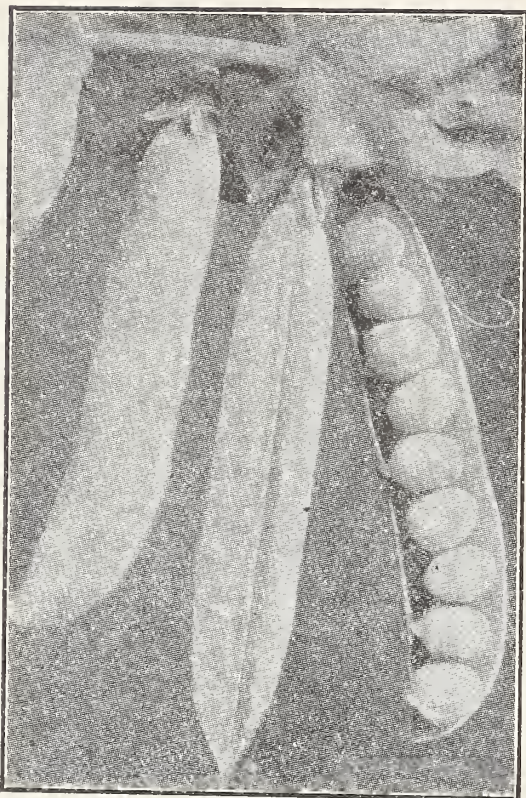
**McLean's Advancer** A green, wrinkled variety of medium height, about two and one-half to three feet, with long, broad pods, about two and three-fourths to three inches long, which are abundantly produced and well filled to the ends. This pea is used very extensively by market gardeners because of its productiveness, the fine appearance of its pods, and is popular with consumers on account of its quality. It is also largely used by canners. By careful selection we have developed a strain showing market improvements in vigor of plant, size of pod and productiveness. Lb. 35c; 2 lb. 55c; 10 lb. \$2.25.

**To Prevent Damage from Pea Louse** Sow a strip of turnip seed about five feet wide around the field of peas, which will attract the pea louse, and will feed upon the turnip instead of the peas; thus preventing the destruction of the crop. Sow early turnips with Early Peas and late turnips with Late Peas. This has been given us by an expert grower, who claims it to be a sure remedy.

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Telephone Peas

**Duke of Albany** A most valuable variety of the Telephone type; remarkably hardy in growth, producing dark green pods of large size, well filled with extra large sweet peas. The vines grow three feet in height and are very productive. Lb. 30c; 2 lb. 50c; 10 lb. \$2.25.

**Telephone** This has become the leading pea with market gardeners whose trade appreciates fine appearance and high quality. Vines tall and vigorous, growing about four feet high, with large, coarse, light colored leaves and producing an abundance of pointed pods of largest size, often four and one-half to five inches long, attractive bright green, filled with very large peas which are tender, sweet and of excellent flavor. It comes into use soon after the Premium Gem and is one of the best sorts for either home or market. Lb. 30c; 2 lb. 55c; 10 lb. \$2.25.

**Alderman** This comparatively new pea is in many respects the very best early main crop variety of the valuable Telephone type. The vines are tall growing, about four and one-half to five feet high, dark green, vigorous and exceedingly productive. Pods of largest size, often five to five and one-half inches long, dark green, similar to but a little larger and a shade darker in color than Duke of Albany and about the same in season. The peas are of largest size and unsurpassed in quality. Market gardeners are demanding the large podded, dark colored sorts which retain their fine appearance even after shipping a long distance. The Alderman answers these requirements and furthermore is the most productive variety of this class. We recommend it unreservedly. Lb. 30c; 2 lb. 50c; 10 lb. \$2.25.

## Later Varieties

**Horsford's Market Garden** The vines of this variety are of medium height, about three feet, hardy and very productive, giving the greatest number of pods of any on our list. The foliage is dark green and the leaves are small. The pods are of medium size, about two and three-fourths inches long, each containing five to seven medium sized, sweet, dark green peas which retain well their color and sweetness after canning. Seed wrinkled and of medium size. Lb. 30c; 2 lb. 55c; 10 lb. \$2.25.

**Champion of England** A very productive variety, universally admitted to be one of the richest and best flavored of the late peas. The vines are four to five feet high. The seed is light green and much shriveled. Very inferior and mixed stocks of this sort are frequently offered, but when the seed is as well grown and selected as that we offer we consider the variety equal in quality to any in cultivation and one of the best of its season, either for the home garden or market gardener. Lb. 30c; 2 lb. 60c; 10 lb. \$2.00.

**Melting Sugar** (Edible pods) There is a class of peas not generally known in this country but much used abroad in which the sweet, brittle and succulent pods have none of the tough, inner lining found in the ordinary varieties of garden peas. They are used in the same way as snap or string beans. Lb. 35c; 2 lb. 60c.

**Large White Marrowfat** The vines of this variety are about five feet high and of strong growth. The pods are large, cylindrical, rough, light colored, and well filled; seed large, smooth, round and light yellow. The variety is excellent for summer use but is inferior in quality to most of the newer sorts, although undoubtedly one of the most productive of the garden varieties. Lb. 25c; 2 lb. 45c.

**Large Blackeye Marrowfat** An excellent variety, growing about five feet high. It is a very prolific bearer of large pods. Seed large, smooth, round, light yellow with black eye. One of the very best of the Marrowfat sorts. Lb. 25c; 2 lb. 45c.

### Pfeffer (Gr.)

## PEPPER

### Peperone (It.)

Peppers are most largely used for seasoning meat and vegetable dishes; also for making chow chow and chili sauce. The culture is the same as for egg plant and the plants need quite as much heat to perfect them. Sow seed early in hotbed, or about middle of spring in open seed bed, the soil being light and warm. When three inches high transplant in rows about two and one-half feet apart and two feet apart in the row. Cultivate and keep free from weeds. Guano, hen dung or any other bird manure hoed into the surface soil when the plants are about six inches high will undoubtedly increase the product.

**Giant Crimson** The earliest maturing of the extremely large, red sweet peppers and surpassed by none in evenness of size and shape. The plant is vigorous and upright, growing two and one-half to three feet high, larger than that of Chinese Giant and more productive. The fruits are of the largest size, ripen earlier than any of the other very large sorts and average heavier, as the flesh is exceptionally thick. Color deep green when fruit is young, deep crimson when matured; flavor very mild. Oz. 50c; 1/4 lb. \$1.75.

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**Pepper-Tomato** A wonderful new creation among vegetables. See picture and description on page ... Pkt. 25c.

**Large Early Neapolitan** Decidedly the earliest of all large mild red peppers, and the most productive of all large peppers. The fruits measure 4 inches long and 4½ inches in circumference. The strong, vigorous plants grow 2 feet high by 18 inches across; they are heavily laden with large handsome fruits and bear continuously until frost. Single plants carry from 35 to 50 marketable fruits at one time. Skin and flash bright red; mild as an apple. Pkt. 10c; oz. 60c; ¼ lb. \$2.00.

**Red Chili** A late variety. Pods bright, rich red, about two inches long, one-third to one-half inch in diameter at the base, tapering to a sharp point and exceedingly pungent when ripe. Oz. 35c; ¼ lb. 11.00.

**Long Red Cayenne** A well known medium early variety having a slender, twisted and pointed pod about four inches long. Color deep green when fruit is young, bright red when ripe. Extremely strong and pungent flesh. Oz. 35c; ¼ lb. \$1.00.

**Large Bell, or Bull Nose** Our stock of this well known variety, sometimes called Sweet Mountain, is very superior. Plant vigorous, about two feet high, compact and very productive, ripening its crop uniformly and early. The fruits are large, with thick, mild flesh of excellent quality for use in salads and mangoes or stuffed peppers. The color is deep green when fruit is young, bright crimson when ripe. Oz. 40c; ¼ lb. \$1.00.

**Ruby King** An improved American variety, very large and attractive. The plant is about two and one-half feet high, vigorous, compact and productive. The fruits are often four to four and one-half inches long and of deep green color when young, bright red when ripe. The flesh is thick and mild flavored. One of the best varieties for mangoes or stuffed pepper. Oz. 40c; ¼ lb. \$1.00.

**Chinese Giant** Plant dwarf, fruit of mammoth size, very broad, yet rather short. It is very late and a rather shy yielder. Popular on account of its large size and mild flavor. Our stock is pure and is as good as can be obtained. Oz. 60c; ¼ lb. \$1.75.

**Pimiento Pepper** The sweetest pepper grown, as it does not contain the slightest trace of fieriness. The plants are productive and peppers medium size and of a shape which is desirable for stuffing, prepared in which manner they are delicious. It may also be used in salads and for flavoring. Pkt. 10c; oz. 40c; ¼ lb. \$1.10.

**Golden Queen** Of all yellow-fruited peppers, Golden Queen is the largest, most productive, and finest. The fruits are quite large, unusually meaty, and strictly mild. Rich and glossy golden yellow skin. Our strain of this fine yellow pepper is particularly fine. Pkt. 15c; oz. 50c; ¼ lb. \$1.50.



Bell or Bull Nose

**Kartoffel (Gr.)** Plant beans in potato hills. Will keep off the bugs and make a crop of beans.  
**Early Ohio** "True to Name" Red River Valley Early Ohio Seed Potatoes, the earliest of all and "The King of the Earlies."

**Irish Cobbler** Is the best early white potato grown. The tubers are smooth, round, plump and handsome. The flesh is white and of splendid quality.

**True Early Rose** The Early Rose is the old standard early potato; rosy blush skin, white flesh; early, productive, and of excellent flavor.

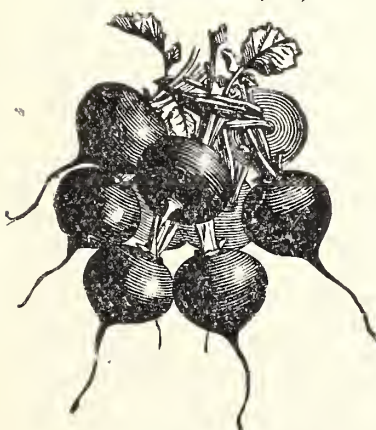
**Late Russet** Most vigorous grower and an immense yielder. It is bug proof and blight proof. Has a russet skin; flesh white as snow. A fine cooker. The most valuable late sort on the market.

**Carman No. 3** Another large, round, white, main crop potato; tubers are very large, eyes are shallow and few in number, and it is an immense yielder.

**Melonen-Kuerbliss (Gr.)** **PUMPKIN SEEDS** **Zucca (It.)**  
Connecticut Field Corn, per oz. 10c; lb. 65c. Winter Luxury, fine table, per oz. 15c; lb. \$1.00.  
Small Sugar Pie Pumpkin, fine for table, per oz. 15c; lb. \$1.00. Quaker Pie, per oz. 15c; lb. \$1.00.

## RADISH

Radles (Gr.)  
Ravanello (It.)



Radish Small Top—New  
Deep Scarlet Turnip

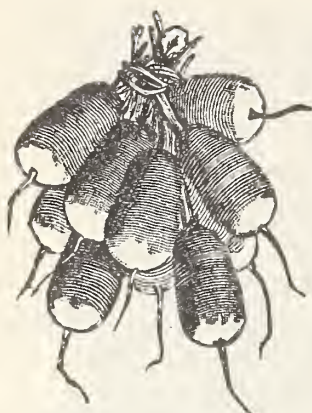
Being a root crop, good brittle radishes require light, well-worked soil, made very rich and mellow. They are easy to grow and frequent plantings will insure a constant supply for the table. Summer varieties can be sown all spring and well into summer. Winter varieties should be planted in August and September.

**Radish—The Onondaga** The perfect radish,—an early scarlet globe, forcing and outdoor variety. This very fine and improved type of bright scarlet Globe Radish will prove a splendid addition to our line of radishes. It is equal to the best of the Early Forcing Globe type, but a much better yielder, producing practically 100 per cent perfect radishes. This is the reason why it appeals to the market gardener. It is the best money maker of all the scarlet radishes listed in recent years. Our stock is limited and we hope our gardeners will take advantage of the stock while it lasts. Oz. 20c; lb. \$1.25.

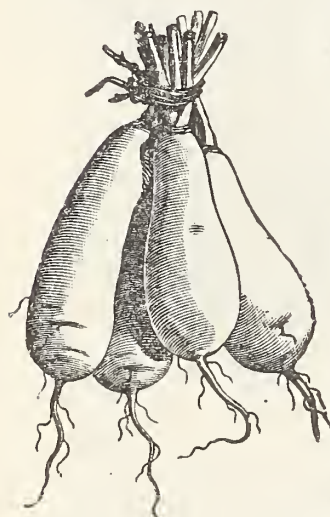
**Vick's Scarlet Globe** This grand radish has established a reputation as a forcing sort. Its peculiarity is that it will bear the heat requisite for forcing without becoming pithy or suffering injury to its flavor. Its color is a rich scarlet. It has a small top and is a high bred radish. Oz. 15c; lb. \$1.25.

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French Breakfast



Chinese Rose Winter

**Crimson Giant Turnip**

Suitable both for forcing or early planting out of doors. In shape it is round to oval, and very attractive. The flesh is mild and tender. It matures very early and remains firm and crisp much longer than other short varieties. Color, rose carmine with white tip. Oz. 15c; lb. \$1.25.

**French Breakfast**

Olive shaped. A popular variety for market for forcing. It is about two inches long and decidedly stump-rooted. Color, bright rose with bottom of root and the tail pure white. Oz. 15c; lb. \$1.25.

**Brightest Long Scarlet**

A very showy, long variety, is thick at the shoulder and tapering. Bright rose scarlet with distinct white top. Oz. 15c; lb. \$1.25.

**White Vienna or Lady Finger Variety**

A handsome white variety, about 5 inches long, with sloping top and pointed root. Quick growing, brittle, and mild snappy flavor. Oz. 15c; lb. \$1.25.

**White Strasburg**

A white radish, of large size, good quality, and ability to resist severe heat. I always recommend White Strasburg for summer planting. It will grow solid, with good flavor, when others fail. Popular with market gardeners. Oz. 15c; lb. \$1.25.

**Giant Stuttgart**

This mammoth white radish is the largest of the turnip shaped sorts. It has solid crisp, pungent flesh, and is highly prized by people demanding a radish of high flavor. Both skin and flesh are pure white. It should be given plenty of space in the row. Oz. 15c; lb. \$1.00.

**Chinese White Winter, or Celestial**

(or Cal. Mammoth White Winter.) The well-known and popular winter variety. Clear white, about four inches long and half stump-rooted. Keeps firm and crisp until it runs to seed. Is a good cooking variety, and when cooked the flavor resembles turnip. Oz. 15c; lb. \$1.50.

**Chinese Rose Winter**

A bright scarlet winter variety. About four inches long and stump-rooted. Matures two or three weeks earlier than the Chinese White Winter and like it is firm and crisp and does not grow pithy until it runs to seed. Oz. 15c; lb. \$1.25.

**Round Black Spanish**

A winter variety, with black skin and white flesh. It is top-shaped or almost globular. Oz. 15c; lb. \$1.25.

**Black Spanish, Half Long**

A shorter, olive-shaped variety with half stump-root and sloping top. Oz. 20c; lb. \$1.25.

**Rhubarber (Gr.)****RHUBARB****Rabarbarz (It.)****Victoria**

A good market sort, with beautiful red stalks. Pkt. 10c; oz. 15c; 1/4 lb. 40c; lb. \$1.25.

**Roots**

Price on application.

**SAGE**

A hardy, perennial shrub, with whitish-green, oval, and very much wrinkled leaves, which have a pleasant smell and which are used for seasoning. It is easily grown and the seed can be sown almost any time. Oz. 40c.

**Haferwurzel (Gr.)****SALSIFY, or VEGETABLE OYSTER****Sassefrica (It.)**

CULTURE.—Sow early and deeper than parsnip, otherwise culture is the same. Roots, if desired, may be left in the ground through the winter, but dug early in the spring.

**Mammoth Sandwich Island**

Larger, of stronger growth, and less liable to grow prongy than the old Long White. Pkt. 10c; oz. 20c; 1/4 lb. 65c; lb. \$2.25.

**SPINACH****Spinat (Gr.)****Spinace (It.)****King of Denmark**

Also known as "Antvorskov." This new variety is undoubtedly the most valuable introduction of spinach in recent years. Although the plants are ready for use almost as soon as the medium early sorts they remain in good condition from a week to two weeks after all other varieties have gone to seed. The plants are of rapid growth, resemble the Long Season in type but leaves are more crumpled or blistered and are of darker green color. The leaves are thick, stand well after cutting and are of good quality. We believe this variety will in a few years be one of the leading sorts as its distinctive qualities are sure to win favor for it from both the home and market gardener. Oz. 15c; lb. 65c.



LONG SEASON SPINACH.

**Long Standing**

A deep green variety with rather elongated smooth leaves. Seed, round. Stands a long time without running to seed. Oz. 10c; lb. 30c; lb. 50c.

**Victoria**

A long-standing variety with round, slightly savoyed leaves. Deep green and hardy. Forms good, edible leaves early and continues to produce leaves for a long period. Oz. 10c; lb. 30c.

**Bloomsdale Savoy**

The variety most generally used in the East, and especially throughout the South for shipping. Leaves large, round and thick, very much savoyed and rich deep green. One of the earliest varieties. Seed round. Oz. 10c; lb. 30c; 10 lb. \$2.75.

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**Round, Thick Leaved** A large-leaved, bright green variety. Leaves rather smooth and rounded at the top. A good variety for late spring and summer. Seed round. Oz. 10c; lb. 30c; 10 lb. \$2.50.

**New Zealand** A plant with thick, fleshy texture and soft crystalline leaves. Is not like the ordinary spinach in appearance, but it is used in the same way. Oz. 1c5; lb. 85c.

**Prickly** The variety commonly used for market in California. Is very hardy and easily grown; bears large, smooth leaves, which are shaped like an arrow point. Color, bright green. Seed irregular with three or four sharp points. Oz. 10c; lb. 30c.

## SQUASH

Kuerbliss (Gr.)

Zucca (It.)

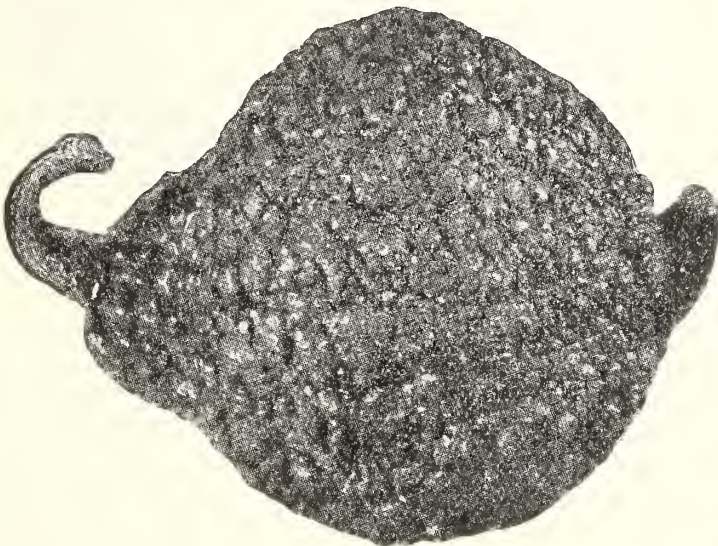
The summer varieties come into use early in the summer, but being sensitive to frost the seed cannot be sown until late in April. The seed should be planted in hills four feet apart, using four ounces to 100 hills. The winter varieties are also unable to resist frost, and should be planted at the same time. The fruit does not mature until late in the fall, and, having a very firm, hard shell, keeps well, and with a little care squashes can be had all winter and until late in the spring. In gathering winter squashes, it is important to protect the stems, since if broken off the fruit will not keep so well. Plant in hills six to eight feet apart, using two or three seeds to the hill. Use eight ounces to 100 hills, or two pounds to an acre. Moderately rich soil will grow good squashes.

**Mammoth Summer Crookneck** A large golden-yellow variety, thickly warted; is eighteen inches long, brittle and tender. Plants are bush and very prolific. This is an improved strain of the old variety and considerably larger. Oz. 15c; lb. \$1.50.

**Burpee's Fordhook Squash** A most desirable running variety for both summer and winter use. The vines are of strong, vigorous growth and wonderfully productive. Fruits oblong in form, eight to ten inches in length, slightly ridged, smooth thin yellowish skin; flesh very thick and of a light straw yellow. If gathered young for cooking, no other squash approaches it in flavor, while if allowed to ripen on the vine they can be stored and will keep in excellent condition until late the following June. Either for baking like sweet potatoes or making pies during the winter the quality is unsurpassed. Oz. 15c, lb. \$1.50.

**The Faxon** A very desirable variety for the home garden, very productive, of medium size (five or six pounds), fine-grained, dry, sweet, a good keeper, uniform in shape, but varied in color. This variation in color is a distinct feature of the squash. Oz. 15c; lb. \$1.25.

**Mammoth White Bush Scallop** An improvement on the old variety, larger, pure white and superior in quality. Oz. 15c, lb. \$1.25.



Hubbard Squash

It grows to large size, is a fine keeper and shipper, its cooking qualities unsurpassed. Oz. 15c; lb. \$1.50.

**Boston Marrow** This is a very productive fall and winter variety of medium to large size, oval shape, and thin skin. It is much used for canning and making pies. The fruits when ripe are bright orange with a shading of light cream color. The flesh is of rich salmon yellow color, fine grained and of excellent flavor, but not as dry as the Hubbard. Same as Golden Hubbard. Oz. 15c; lb. \$1.50.

**Golden Hubbard** A distinct sort, of the shape and general character of the Hubbard, but a little smaller, earlier to mature, and a rich orange-red instead of the dark olive-green of the old Hubbard, while the flesh, which is thick, is a little deeper colored, of fully as good quality, fine-grained and dry. Oz. 15c; lb. \$1.50.

**Hubbard** This is a distinct strain of the famous Hubbard and is an ideal winter squash for marketmen. The shell is a dark green in color, the flesh dry and sweet in flavor.

## SWISS CHARD

**Giant Perpetual ("Cut-and-Come-Again") Spinach Swiss Chard** This, though a variety of Chard, is to all practical purposes a giant spinach, the

huge curled leaves being tender and cooking readily, with a decided spinach flavor. Its great merit is that it will supply the greens from spring until late in the fall. The large mid-ribs can be cooked and served like asparagus. If wanted for greens cut when 6 inches high just above ground and it will grow out again. Oz. 15c; lb. \$1.00.

**SQUASH BUGS**—Spray Pyrox with an under-leaf upturned nozzle—sure death.

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Steckrube (Gr.)

## TURNIPS

Pastinaca (It.)

For fall and winter use sow the seed in August, in rows 10 to 18 inches apart, using one ounce to 250 feet of row, thinning the plants when very young to three or four inches apart. For spring use sow in January. For field culture sow in rows about two feet apart, using one to three pounds of seed per acre.

**Early Snowball** A medium globe-shaped variety of pure white. Very solid and of the best quality. Oz. 15c; lb. \$1.00.

**Early White Flat Dutch (Strap Leaf)** A medium-sized, flat variety; clear white, early, and of fine flavor. A fine table variety. Oz. 15c; lb. \$1.00.

**Early White Milan** Roots flat, smooth and symmetrical; pure white. Top very small, upright and compact, permitting close planting. The earliest and much the best of any extra-early white variety. Oz. 15c; lb. \$1.00.

**Early Purple-Top Milan** Differs from the preceding in that the roots are not quite so thick and are purple on top. Oz. 15c; lb. \$1.00.

**Early Purple-Top Flat** A well-known variety and very extensively grown. Roots smooth, white, with the upper portion purplish red. Oz. 15c; lb. 75c.

**Early Purple-Top White Globe** One of the handsomest varieties, the upper portion of the root being a purplish red, the lower pure white. A rapid grower, attaining a marketable size sooner than other large globular varieties. Of the best quality and an excellent keeper. Owing to its strong growth should be more severely thinned than other early varieties. We offer New England grown seed of a selected strain, which repeated trials have shown to be much superior to those generally offered. Oz. 15c; lb. 75c.

**Cow Horn** A long white turnip. Grows to a large size, standing half out of the ground. It is fine flavored and desirable. Cow Horn turnip sown in connection with Rape is one of the newly recommended things for green manuring purposes. Oz. 15c; lb. 75c.

## Ruta-bagas or Swedish Turnips

WINTER VARIETIES

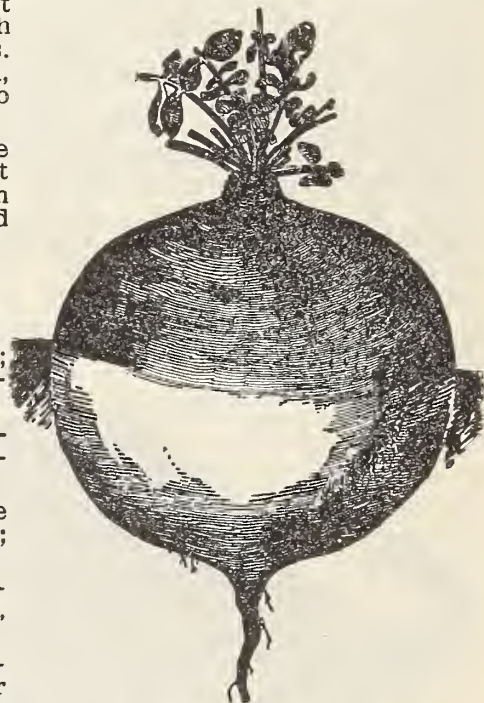
**Laing's Improved Swede** One of the earliest; handsome round variety; fine for the table. Oz. 10c; lb. 90c.

**Sweet German, or Russian** white, sweet, excellent; a first-rate keeper. Oz. 15c; lb. 90c.

**White Sweet Waldo** This is the best of the Swede turnips. Oz. 15c; lb. 90c.

**American Purple-Top** Very hardy and productive; flesh yellow, solid, sweet; good for stock or table use. Oz. 15c; lb. 75c.

**Long Island Improved** Bred from the "American Purple Top," over which it is a great improvement, being nearly double the size; an immense yielder and good keeper; flesh rich yellow, of fine quality. Oz. 15c; lb. 75c.



Ruta Baga American Purple Top Turnip

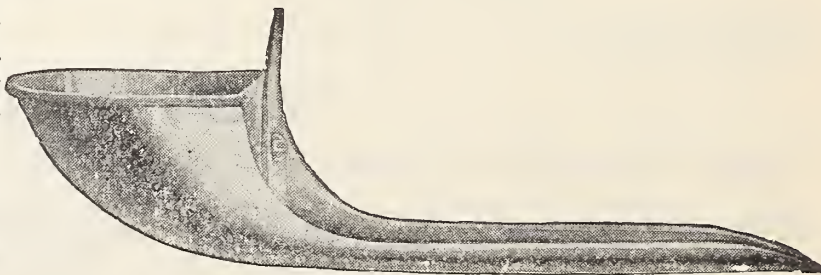
## SOWRITE SEED-SOWER


SOWS SEEDS AT A TOUCH

For All Seeds up to size of Sweet Peas

It is for the finest seeds as well as seeds of larger size, like Pansies, Snapdragon, etc. Amateurs sowing fine seeds like it better. They easily get the knack of handling it when they try first some seeds on a tablecloth. This little sower is filling a long felt want among lovers of good gardens and flowers. Price \$1.00. Order now.

The graduating hole controls the outflow of even the finest seeds. Made of Metal, nickel-plated



 All prices on seeds in this catalogue are subject to change without notice.

SPECIAL DISCOUNT TO MARKET GARDENERS



## SWEET HERBS

**CULTURE.**—Sow in early spring, at the time when the trees begin to leaf, in ordinarily good and well drained garden soil, in rows 12 to 24 inches apart. Cover seed lightly. Thin or transplant to stand 6 to 12 inches apart in the rows. Cultivate frequently and keep free from weeds.

	Packet
Anise, seeds aromatic.....	10c
Balm, has medicinal qualities.....	10c
Basil, sweet.....	10c
Borage, leaves used for salad.....	10c
Caraway, seeds aromatic.....	10c
Coriander, seeds aromatic.....	10c
Dandelion .....	10c
Dill, seeds aromatic and medicinal.....	10c
Fennel Sweet, seeds aromatic.....	10c
Horehound .....	10c

	Packet
Lavender, leaves aromatic.....	10c
Marjoram, leaves used in seasoning .....	10c
Mint, leaves aromatic.....	10c
Rosemary, aromatic.....	10c
Rue, medicinal qualities.....	10c
Sage, culinary herb.....	10c
Savory, Summer, culinary ehb.....	10c
Sweet Marjoram for seasoning.....	10c
Thyme, culinary herb.....	10c
Wormwood, medicinal qualities.....	10c

## TOBACCO SEED

Havana Tobacco Seed, per oz. \$1.00, per pkt. 10c.

Liebesapfel (Gr.)

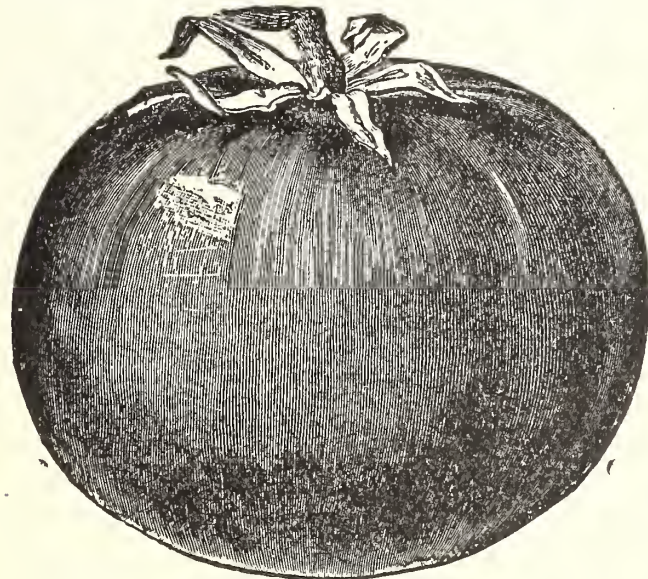
## TOMATO

Pomodori (It.)

As tomatoes are very sensitive to frost, they cannot be set in the open field until about May 1st. The seed must be sown in well protected hotbeds, sowing same about March 1st. A hardy and stocky plant is had by transplanting the small plants in the bed a few weeks before transplanting to the field. Or when about four inches high, the top may be pinched off and the plant grows stockier.

Sow the seed broadcast, using one ounce to about three square feet of area, which will yield plants enough to set an acre. In the field set tall varieties six feet apart and dwarf varieties three feet apart. A slight trellis is advisable in the garden. A moderate amount of water should be applied at the roots at regular intervals.

**Earliana (Sparks)** The earliest tall variety, forming ripe fruit much earlier than any other variety. The fruit is large, smooth, of a bright scarlet color, and of fine quality. Very valuable for early market use. Oz. 35c; ¼ lb. \$1.00.



Chalk's Early Jewel

**John Baer** A remarkable new variety of the extra early red or scarlet type. Not quite so early as Earliana, though there are only a few days difference, and John Baer yields a much heavier crop of larger, more uniform and more attractive fruits. Most profitable extra early sort. Pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.00.

**Bonney's Best Early** An extra early variety having great favor with the market gardeners. Vines vigorous and productive, fruit solid without hard core. Color bright scarlet. Fine, early, handsome, especially profitable for market gardeners' use. Oz. 35c; ¼ lb. \$1.00.

**Chalk's Early Jewel** A wonderful new variety, in that it is early and bears continuously throughout the season. The fruit is large, smooth, uniform, and well ripened clear to the stem, and the flavor and quality are especially fine. Color bright scarlet. Oz. 35c; ¼ lb. \$1.00.

**Early Red Wonder** A winner in the second early class; a splendid new variety, worthy of a place in the garden or field; the plants are of sturdy upright growth, bearing large red fruit, well off the ground. Pkt. 10c; oz. 45c; ¼ lb. \$1.25.

**Early Detroit** This splendid variety, introduced by us in 1909, is the largest and best of the early purplish pink tomatoes. The vines are vigorous and very productive. The fruits are very smooth, uniform in size, nearly globe-shaped, firm, and of excellent quality. Early Detroit is one of the most valuable shipping tomatoes yet produced. It is also desirable for the home garden and near markets. Pkt. 10c; oz. 50c; ¼ lb. \$1.25.

**Livingston's Dwarf Stone** Another splendid new variety from Livingston. This is what he says of it: "The same sort of tomato as Dwarf Champion, but the vine is of stronger growth, and the vine is potato leaved—heavy stem fruit—round red, of medium size. It is equally early, is equally prolific. It is very solid, ripens very evenly and is of excellent quality. Oz. 40c; ¼ lb. \$1.25.

**Dwarf Champion** A dwarf variety, sometimes called the tree tomato on account of its upright growth and its ability to stand alone without trellising. Fruit medium-sized, smooth, uniform, and of a purplish carmine color. Oz. 40c; ¼ lb. \$1.25.

**Matchless** A tall-growing, prolific variety with large fruit, which is rather flattened, smooth and uniform. Color, bright scarlet. For canning and general main crop market, there is no better tomato grown. Extra selected strain. Oz. 40c; ¼ lb. \$1.00.

**Ponderosa** An extremely large, irregular-fruited variety. Vine tall, and fruit very solid and purplish-carmine in color. Rather coarse and of fair quality only. Oz. 60c; ¼ lb. \$1.75.

**Golden Queen** (Bright yellow.) Best large yellow tomato. Much like Paragon, except in color. Always smooth and ripens early. Quality excellent in all respects, either for slicing or preserving. Queen of all the yellows. Oz. 35c

PRICES SUBJECT TO CHANGE WITHOUT NOTICE  
SPECIAL CASH DISCOUNT TO MARKET GARDENERS



# SPRING BULBS

## GLADIOLI, TUBE ROSES, CALADIUM MADIERA VINES

### AMERICA

Soft flesh pink, 5c ea., 50c doz.

### BARON HULOT

Rich violet blue, 10c ea., \$1.00 doz.

### EVELYN KIRTLAND

Rosy pink, darker at the edges, fading to shell pink at the center with scarlet blotches on the lower petals, 12c ea., \$1.00 doz.

### FLORA

Large pure golden yellow, 12c ea., \$1.25 doz.

### GRETCHEN ZANG

Rose pink, with darker tone on the edges, 10c ea., \$1.00 doz.

### HALLEY

Delicate salmon pink, early, 7c ea., 75c doz.

### EMPRESS OF INDIA

Deep purplish red, 12c ea., \$1.25 doz.

### HERADA

Pure mauve with deeper markings in the throat, 10c ea., \$1.00 doz.

### LE MARECHAL FOCH

Early light salmon, pink, very large, 8c ea., 85c doz.

### MARY PICKFORD

Delicate creamy white with a yellow blotch, 12c ea., \$1.25 doz.

### MISS HELEN FRANKLIN

White with violet stripes, 12c ea., \$1.25 doz.

### MRS. FRANK PENDLETON

A lovely salmon pink with deep red blotches on the lower petals, 8c ea., 85c doz.

### MRS. WATT

Deep American beauty red, 10c ea., \$1.00 doz.

### AUGUSTA

Blush white, 8c ea., 85c doz.

### KUNDERDI GLORY

Creamy apricot, red markings, 12c ea., \$1.25 doz.

### LOVELINESS

Creamy white, 12c ea., \$1.25 doz.

### MRS. DR. NORTON

White-edged in soft pink, 10c ea., \$1.00 doz.

### NORA

Light blue with dark spots, 10c ea., \$1.00 doz.

### FRANCIS KING

Salmon red, 7c ea., 75c doz.

### ANNA EBERIUS

Dark purple, 10c ea., \$1.00 doz.

### CRIMSON GLOW

Brilliant crimson, 12c ea., \$1.25 doz.

### NIAGARA

Creamy yellow with carmine markings in the throat, 10c ea., \$1.00 doz.

### ORANGE GLORY

Ruffled orange, lighter throat, 15c ea., \$1.50 doz.

### PANAMA

Rich rose pink, 7c ea., 75c doz.

### PRINCEPS

Amaryllis like flowers of brilliant scarlet with white markings, 15c ea., \$1.50 doz.

### SCHWABEN

Pure yellow, red stripes on the lower petals, 7c ea., 75c doz.

### WAR

Large deep blood red, 12c ea., \$1.25 doz.

### FINE MIXTURE

50c doz.; 50 bulbs \$1.75; 100 bulbs, \$3.00.

### DAHLIAS

In a wide range of colors and types, from 10c to 25c ea.

### CANNAS

Large bronze leaf, 10c ea., \$1.00 doz.

### KING HUMBERT

Bronze foliage, red blossom, 12c ea., \$1.25 doz.

### FLORENCE VAUGHAN

Green foliage, with yellow blossoms, 10c ea., \$1.00 doz.

### TUBEROSES

Dwarf Pearl Excelsior, 7c ea., 75c doz.

### CALADIUM or ELEPHANTS EAR

15c ea.

### MADIERA VINES — CINNAMON VINES

About September first next we will issue our Annual Catalogue of CHOICE DUTCH BULBS AND SEEDS FOR FALL PLANTING. It will be sent free to all customers without ordering it, and to others who apply for it.

SPECIAL CASH DISCOUNT TO MARKET GARDENERS  
For Seeds, Tools, Etc., See Our Annual Catalog for 1926



# SELECT FLOWER SEEDS



**ANTIRRHINUM OR SNAP DRAGON**

**ABUTILON** (Chinese bell flower or flowering maple) Free flowering, perennial shrub; fine for indoors. For outdoor sow before April. Will bloom first season. 10c pkt.

**ACONITUM** (Monk's hood or Wolfs bane) Hardy, perennial, long spikes of odd shape blue and white flowers, adapted to shady corners or among shrubbery; 3 to 5 ft. 10c pkt.

**ACROCLINIUM**. Pretty, annual everlasting, 15 inches high, lovely white or rosy pink flowers fine for border. Sgl. or dbl. 10c pkt.

**ADLUMIA** (Mountain fringe or Allegheny Vine) A hardy biennial climber, will resow itself year after year, feathery foliage resembling Maiden-hair Fern, flowers tubeshaped, flesh colored completely covering the plant, fine for trellises, stumps, etc. 10c pkt.

**ADONIS** (Pheasant's eye) Flos Adonis, Showy, hardy, annual, of easy culture, fine cut foliage, blooms a long time; dark crimson flower with light center. Height 1 ft. 10c pkt.

**AGERATUM** (Floss Flower) Fine bedding sort, literally a sheet of bloom from early summer until frost; not liable to be spoiled by rain, flowers not liable to fade; easily raised from seed. Sow in March or in hot-bed and transfer into open ground in June when weather is suitable, valuable for winter flowering for conservatory. 10c pkt.

**Blue Perfection.** Dark blue, largest flowering, fine bedder. 10c pkt.

**Little Dorrit.** Beautiful, compact, sky blue, white center, very exquisite. 10c pkt.

**Mexicanum.** Lavender blue, 1½ feet. 10c pkt.

**Imperial Dwarf White.** Height, 8 inches. 10c pkt.

**AGROSTEMMA** (Rose of Heaven) Free blooming, hardy, perennial, blooming first season, height 1 to 2 ft. Mixed 10c pkt.

**ALYSSUM** (Mad-wort) Pretty little plants for beds, vases, baskets, edging, etc. Bloom profusely all summer, also useful for winter. Very sweet-scented.

**Little Gem** (or Carpet of Snow) 4 to 6 inches in height, each plant covering a circle of 15 to 30 inches. 10c pkt.

**Sweet Alyssum.** Trailing flowers, white. 10c pkt.

**Saxatile Compactum** (Basket of Gold), handsome yellow flowers, hardy perennial, blooming first season, fine for rock work, 1 ft. 10c pkt.

**AMARANTHUS.** Brilliant foliated annuals, 3 to 5 ft. Useful in borders or centers of large beds. Do not plant too closely.

**Brilliant.** Foliage bright red, ends of branches carmine-rose, red and yellow. 10c pkt.

**Caudatus** (Love lies Bleeding) Blood red, drooping foliage, 3 ft. 10c pkt.

**Sunrise.** Bronzy Crimson to brilliant scarlet. Fine for parks and large beds, 3 ft. 10c pkt.

**Tricolor** (Joseph's Coat) Leaves red, yellow and green, 3 ft. 10c pkt.

**AMMOBIUM** (Winged Everlasting) Grandiflorum, Pretty Border, annual everlasting, flow-white with yellow disc. 10c pkt.



**SWEET ALYSSUM**

**AMPELOPSIS** (Boston or Japanese Ivy) Hardy, perennial climber, olive green leaves turning to scarlet in fall. Popular climber, fine for brick or stone walls. 10c pkt.



**ANCHUSA** (Alkanet) *Italica* Dropmore Variety. One of the best hardy perennials, and becoming more popular each season, grows 3 to 5 feet high, and bears in abundance flowers of the richest gentian-blue during May and June. 15c pkt.

**ANEMONE** (Windflower) Hardy, perennial, large flowers, fine for bouquets.



**ASTER CHRYSANTHEMUM**

**Coronaria.** Mixed Colors (Poppy Anemone). 10c pkt.

**St. Brigid.** A beautiful selection of the above, our seed comes from a famous Irish grower and comprises semi-double and double flowers in a wonderful array of colors. 15c pkt.

**ANTHEMIS** (Hardy Marguerite) Kelwayi. A most satisfactory hardy perennial, bearing all summer daisy-like golden-yellow blossoms; excellent for cutting; 2 ft. 15c pkt.

**ANTIRRHINUM** (Snap Dragon)

**Giant Varieties.** Of tall growth, very large individual flowers:

Scarlet, White, Yellow, Garnet, Pink (Silver pink), Rose (Rich rose). 10c pkt.

**Semi-Dwarf.** A splendid mixture, containing all the colors. 10c pkt.

**AQUILEGIA** (Columbine) Charming, hardy, perennial, 1 to 3 ft., profuse bloomer, blue, white rose, yellow, purple, striped, etc. Fine for borders. Sgl. mixed 10c pkt. Dbl. mixed 10c pkt.

**Long-Spurred Hybrids.** A beautiful strain comprising shades and combinations of blue white, yellow, orange, scarlet and bright rose-pink, in large flowers with long spurs. 15c pkt.

**ARABIS** (Rock Cress) *Alpina* very early, pure white, spring flower, appear as soon as snow disappears. Fine for rockeries or edging. 6 inches high. 10c pkt.

**ARCTOTIS** (African Daisy) *Grandis*. A remarkably handsome annual from Southwest Africa. It forms much-branched bushes 2 to 3 feet high; its flowers are large and showy, being pure white on the upper surface, the reverse of petals pale lilac-blue. 10c pkt.

**ARISTOLOCHIA SIPHO** (Dutchman's Pipe) A quick growing climber with large heart shaped leaves. 10 pkt.

**ARMERIA** (Sea pink or cushion pink)

Very pretty edging plant, bearing large tufts with rosy pine flowers, hardy perennial. 10c pkt.

**ASPARAGUS Plumosus Nanus** Graceful climber, finer than most delicate ferns. Will last for weeks after being cut, easily cultivated. 25c pkt.

**Sprengeri.** One of the best for hanging baskets or general purposes, fronds 4 ft. long. 10c pkt.

**ASPERULA ODORATA** (Sweet Woodruff) Fragrant leaves and stems, grown in shaded places, white flowers. 10c pkt.

**ASTERS** are now one of the most important summer and autumn flowers. Their immense popularity and world-wide demand shows their adaptability to any soil or climate, there being early medium and late flowering sort which extends the blooming period from early July until frost. For the best results the ground should be very rich. Good results can be obtained from ordinary garden soil.

#### BRANCHING VARIETIES:

	Per ¼ oz.	Per pkt.
Azure Blue. A deep rich lavender	35	10
Deep Crimson. Rich and glowing	35	10
Deep Rose. Distinct and fine.....	35	10
Pale Lavender. Exquisite greyish-blue .....	35	10
Deep Purple. A rich royal shade..	35	10
Rose-pink. A lovely shade; very popular .....	35	10
Shell-pink. Soft and dainty.....	35	10
Pure White. Perfect in its purity	35	10
Collection. A packet each of the 8 colors,	60c.	
Finest Mixed. All the colors mixed. ¼ oz.,	50c; 10c per pkt.	
Sensation (Oxblood). 10c pkt.		



**SINGLE ASTERS**

**CREGO'S GIANT COMET ASTERS.** We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers five inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type (illustrated on page ...)



We offer five colors, viz.: White (Pure white), Pink (Delicate shell-pink), Purple (Bright purple), Rose (Rich deep rose), Lavender (Deep lavender). 10c pkt. Collection of a packet each of the 5 colors, 45c. Crego's Mixed. All colors. 10c per pkt.; 25c per 1/4 oz.

**QUEEN OF THE MARKET ASTERS.** A first-class early-flowering Aster, coming into flower in July, of branching habit; flowers of good size and borne on long stems, making them exceedingly valuable for cutting; 1 foot. Bright Rose, Crimson, Lavender, Pink, Purple, White. 10c pkt. Collection. One packet each of the 6 colors. 50c. Mixed Colors, 1/4 oz. 25c; pkt., 10c.

**VICTORIA.** Magnificent bedding or cutting variety, flowers large beautifully imbricated, 1 1/2 ft. high. Mixed colors. 10c pkt.

**OSTRICH FEATHER.** Magnificent, resembling the Comet, flowers of immense size of loosely formed petals, equaling the best Japanese Crysanthemums. White or pink. Mixed 10c pkt.

**HEART OF FRANCE ASTER.** This recent introduction is the largest flowering of the very dark red sorts; plants grow about 24 inches high, nicely branched, bearing in September their large, rich, deep ruby-red flowers on long, strong stems; a fine, dark variety. 15c pkt.

**PERENNIAL.** Single, hardy. Does well in any garden soil. If sown early will flower in early season. 10 pkt.

**BABY'S BREATH.** See Gypsophila.

**BACHELOR'S BUTTON** (See Centaurea Cyanus). Mixed 5 double blue. 10c pkt.

**BALLOON VINE** (Love-in-a-Puff) Rapid growing annual climber, white flowers, seed vessels look like miniature balloons. 10c pkt.



**BALSAMS**

**BALSAMS** (Lady Slipper) Double, camellia flowered type, an old favorite, gorgeous brilliant colored, double flowers in great profusion, easily cultivated, 2 ft. high. Double, mixed each 10c; white 10c; pink 10c pkt.

**BAPTISIA** (False Indigo) Beautiful, hardy, perennial, pea-shaped flowers on spikes 6 inches long, bright blue 2 1/2 ft. 10c pkt.

**BEGONIAS.** Fine bedding variety, equal to geraniums, sturdy growth, 1 ft. high, forming dense bushes completely covered with flowers from May until frost. Unequalled as pot-plants for winter flowering and will remain in bloom the entire year.

Easily raised from seed. Double mixed 25c single mixed 15c.

**TUBEROUS ROOTED BEGONIAS.** Plants of great value for summer decoration or window gardening, bloom first season from seed if sown in February, transplanted as soon as weather permits, produce flowers the entire summer. In bulbs only.

**ORNAMENTAL LEAVED BEGONIAS.** Beautiful, variegated foliage. Mixed 25c.

**BELLIS** (or English Daisy. Perennial) Double Daisy, very handsome spring flowering plant. 10c pkt.

**BRACHYCOME** (or Swan River Daisy) Dwarf, annual, profuse bloomer, pretty blue or white flowers. 10c pkt.

**CALCEOLARIA** (Lady's Slipper) Ornamental plant with mass of beautiful pocket-like flowers, blooms early and very fine for decorating green-house or conservatory. 25c pkt.

**CALENDULA** (Pot Marigold) Very showy, free-flowering until frost, hardy annual, grows in any good soil, fine for beds or mixed borders, fine for pot culture, height 1 ft.

**Meteor.** Large double yellow, striped with orange. 10c.

**Orange King.** Large double orange red flowers. 10c.

**Lemon Queen.** Light yellow. 10c.

**Mixed.** Per pkt. 10c.

**CALLIOPSIS** (See Coreopsis) Showy, free-flowering annual, blooms all summer, fine for cutting and massing. Mixed colors 10c pkt.



**CALENDULA**

**Golden Wave** (Drummondii) Large golden yellow with brown center, fine for borders. 10c.

**CAMPANULA** (Bellflower) Favorite, hardy herbaceous with great profusion of bell flowers, thrives in light rich soil.



**CANDYTUFT**

**Carpatica.** Blue and white, bloom the whole season, 6 inches. 10c.

**Persicifolia Grandiflora.** Fine hardy bell flowers 2 to 3 ft. blue or white. Mixed. 10c.

**CANARY-BIRD VINE** (*Tropaeolum Canariense*) Handsome annual, rapid climber, charming little canary-colored blossoms bearing a fancied resemblance to a bird with wings half expanded. 10c.

**CANDYTUFT** (*Iberis*) A great favorite fine for cutting, looks best in beds or masses. Sow in spring, will bloom until frost. very hardy, easily cultivated. Single plants look well and bloom profusely, 1 ft.

**Carmine.** 10c.

**White.** 10c.

**Crimson.** 10c.

**Empress.** A complete mass of pure white flowers. 10c.

**White Rocket.** 10c.

**White Hyacinth.** Flowered. 10c.

**Mixed Colors.** 10c.

**Perennial Mixed.** 10c.

**CANNA** (*Indian Shot*) Without exception one of the handsomest bedding plants. Soak the seeds in warm water until they show evidence of swelling. When the second leaf is out pot singly and keep under glass until proper season for planting out. Plants only.

**CANTERBURY BELL** (*Campanula Media*) Medium (Single Canterbury Bells). The old-fashioned sort with beautiful, large bell-shaped blossoms; we offer four distinct colors and mixed, as follows: Blue, Rose, White. 10c pkt. Single. Mixed. 10c pkt. All the double-flowering medium varieties, 1/4 oz. 50c; pkt. 10c.

**Cup and Saucer** (*Calycanthemum*) Rose Pink (Delicate rosy-pink), Blue (A fine clear shade), White (Pure white), Finest Mixed (All colors of the Cup and Saucer type. 1/4 oz., 60c. pkt. 10.

**CARNATION** (See *Dianthus*) Great favorite for their delicious fragrance and richness of color indispensable for winter or summer culture.

**Marguerite Carnations.** Very popular, as they begin flowering a few weeks from time of sowing, half dwarf, strong, requiring no support, produce long, strong stems, abundant large double beautifully fringed, highly-scented flowers. Pink, White, Red Yellow. 10c pkt.

**Mixed Colors.** 10c.

**CASTOR OIL BEAN** (See *Ricinus*).

**CELOSIA CRISTATA** or Cockscomb Varieties Free-blooming annuals, plant in light soil not too rich, grand for border and fine for pots. (2 1/2 to 3 feet.) These stately plants are considered among the most ornamental and should not be omitted in any garden. Form pyramidal bushes branching out in candelabra shape, the numerous massive plumes resemble ostrich feathers, wave gracefully above the foliage. **Empress.** Combs of Colossal size known to measure 45 inches from tip to tip; rich crimson. 10c.

**Glasgow Prize.** Dark Crimson. 10c.

**Dwarf.** 8 inches high, sometimes measure 2 ft. across. 10c. Mixed 10c.

**CELOSIA PLUMOSA** (Feathered Cockscomb) Crimson, white, yellow, mixed. pkt.

**CELOSIA CHILDSI** (The Chinese Woolflower) Plants grow two to three feet high, the bloom starting early with a central head, round and globular, which often reaches the immense size of two feet in circumference. Scores of branches are thrown out, each bearing a ball of scarlet wool. All these branches support numerous laterals with small heads of bloom

**BACHELOR'S BUTTON**





### CARNATION

mixed with fresh green foliage, so that a plant looks like an immense bouquet splendidly arranged and set in the ground. Blooms until hit by frost. A deep, rich dark crimson-scarlet. 10c pkt.

Mixed. 10c.

**CENTAUREA** (Or Batchelor Button). under this name is included the popular annuals like Corn Flower, Blue Bottle, Ragged Sailor, Sweet Sultans, etc. Great favorites, fine for cut flowers; white-leaved sorts, or Dusty Millers are largely used for bedding, vases, etc.

**Sweet Sultans** (Centaurea Imperialis) Beautiful, sweet-scented, strong stems, when cut will stand for several days in good condition, of easy culture. Mixed colors, 10c. Named colors, 10c.

**Giant Sweet Sultans** (Centaurea Oderata) or Giant Cornflowers, easy to cultivate, flowers 2 to 4 inches in diameter, very graceful, sweet-scented.

**Corn Flower** (Centaurea Cyranus) Double blue, pink, white, mixed. 10c.

**Gymnocarpa.** Fine cut silvery foliage. 10c. pkt.

**Candidissima.** Broad cut silvery foliage. 10c pkt.

**CHRYSANTHEMUMS.** Annual sorts, showy, effective garden favorites. Dbl. mixed. 10c pkt. sgl. mixed. 10c pkt.

**CINERARIA.** Seed may be sown from May to September in succession. Where only one sowing is made July should be preferred. Cinerarias grow so freely that the seedling may go straight from seed-pans to thumb-pots. For transplanting plant in a cold frame facing north, if possible. When pots become full of roots shift into larger ones until the flowering size is reached.

**Dwarf Mixed.** 35c per pkt.

**Tall Mixed.** 35c per pkt.

**Stellata.** (Star Cineraria) A charming variety with large spreading panicles of starry flowers. Same colors as the common Cineraria. The grace and elegance of the plant and flowers make them very effective for house or conservatory decoration; especially fine for church decoration and very useful for cutting. 35c.

**CLARKIA.** This pretty and easily grown annual has been much improved in recent years, and the varieties offered below are now seen as cut flowers in most of the large cities of Europe; they do well either in sun or shade, growing 2 to 2½ feet high, with leafy racemes of double flowers, which all open in water when cut. Elegans Double Mixed. A fine mixture containing all the colors. 10c pkt.

**CLEMATIS.** Rapid-growing climber, fine for arbors and verandas. Seeds are slow to germinate, and should be soaked in warm water 24 hours; hardy perennial mixed colors. 10c pkt.

**CLIANTHUS** (Australian Glory Pea) Beautiful, tender, perennial shrub with clusters of brilliant pea-shaped flowers, 3 inches in length, with large black blotch for center. 10c pkt.

**COBAEA** (Cups and Saucers Vine) A rapid climber, fine for trellises, arbors, etc., clings to any rough surface. Place seeds in the ground edgewise and cover with light soil.

Purple. 10c pkt., pure white., 10c pkt.

**COLEUS** (Flame Nettle) An attractive foliage plant for house or garden, very interesting to grow from seed, easily raised; sow in March or April. 15c pkt.

**CONVOLVULUS** (Morning glory) Climbing varieties, very popular and one of the most free-flowering, rapid-growing plants in cultivation; doing well in almost any situation, with beautiful brilliant flowers; annuals, 15 ft. Mixed colors 15c oz., 10c pkt.

**COREOPSIS** (Perennial) (See Calliopsis) A very fine hardy plant with large, showy bright, yellow flowers, produced in great abundance from June until frost, especially fine for cut flowers having long stems



COSMOS



and lasting in good condition a week or more. These grow from seed, flowering the first year if sown early. 10c pkt.

**COSMOS.** Beautiful autumn-blooming plant, producing thousands of beautiful flowers in pure white, pink and crimson shades; fine for autumn decoration when other flowers are scarce. Sow in spring in open ground when danger of frost is over, or may be started under cover and transplanted. Set about 18 inches apart in rows or in masses in beds. When about a ft. high pinch the tops out to induce a bushy growth, 2½ to 4 ft. in height.



**CYPRESS VINE**

Early Crimson. Rich and deep. 10c.

Early Light Pink. A popular color. 10c.

Early Pure White. 10c.

Extra Early Mammoth Flowering. Mixed colors. 10c pkt.

**Giant Pink, Lady Lenox.** This is the latest development in this popular autumn flower, bears gigantic flowers, with wide, overlapping petals of splendid substance, making a perfectly circular flower, which is borne on very long stems; in color a beautiful deep rose pink. 10c pkt.

**Giant White Lady Lenox.** Late. The white-flowered form of the above. 5c pkt.

**Mixed Mammoth Perfection.** Late. 10c pkt.

**CUCURBITA** (See Gourd).

**CYCLAMEN.** Charming plant with richly colored foliage, fragrant flowers. Great favorites in winter or spring. Sow in spring or autumn.

**Persicum.** Choicest mixed. 35c pkt.

**CYPRESS VINE** (*Ipomaea quamoclit*) A favorite summer climbing annual, with feathery foliage and star-shaped flowers borne in clusters.

White. 10c pkt.

Scarlet 10c pkt.

Mixed Colors. 10c pkt.

**DAHLIA.** One of the best late summer and autumn flowering sorts, very popular. The double sorts will bloom first season it sown early. Single will bloom first season

if sown in the open ground. Many prefer the single sorts to Cosmos, having the larger variety of colors and longer season of bloom.

Double, finest mixed. 10c.

Single, finest mixed. 10c.

**DATURA** (Trumpet Flower) Ornamental annuals, large showy flowers; 2 to 3 ft. Dbl. and snl. 10c pkt.

**DELPHINIUM** (Perennial Larkspur) One of the handsomest hardiest hardy perennials, splendid flowers and curiously cut leaves; for permanent beds and borders they are indispensable.

**Zalil** (Hardy Yellow Larkspur) Produces very long spikes of 40 to 50 sulphur yellow blossoms, each 1 inch in diameter; flowers from June to August, plant thrifty and bushy; 3 to 4 ft. 10c pkt.

**Formosum.** Popular for groups, tall spikes of dark blue flowers with white eyes; 2 to 3 ft. 10c pkt.

**Nudicaule.** Large scarlet flower; 1½ ft. 10c pkt.

**Belladonna.** Clear Turquoise Blue. 10c.

Choicest hybrids mixed. 10c.

**Chinensis.** White. 10c pkt.

**DIANTHUS** or **PINKS.** A magnificent sort embracing some of the most popular flowers in cultivation, of great variety and brilliancy with profusion of bloom. The sorts classed as annuals may be sown out-of-doors when danger of frost is past. In a few weeks time they are a mass of bloom continuing until frost; 1 ft.

**Double Annuals.**

**Laciniatus Fl. Pl.** Large double showy flower with fringed edges. Great variety of colors. 10c. pkt.

**Chinensis Fl. Pl.** China or Indian Pink) Mixed colors. 10c.

**Heddewigi Fl. Pl.** (Japan Pink) Double mixed. 10c.

**Imperial Fl. Pl.** (Double Imperial Pink) mixed. 10c.



**DIANTHUS** (Sweet William)





### COREOPSIS

**Single Annuals.** All single sorts have large flowers 2 to 4 inches in diameter, fine for beds or borders; 1 ft. high.

**Nobilis (Royal Pink)** Beautifully fringed, colors run from white to dark red 10c.

**Heddewigi (Japan Pink).** 10c.

**Hardy Garden Pinks.** The varieties are well adapted for beds and borders; delightful, refreshing, spicy odor, should be in every garden where cut flowers are wanted.

**Semperflorens (Ever-blooming hardy garden Pinks)** Very beautiful, sweet-scented, double semi-double and single in great diversity of colors, mixed colors. 10c. (See Carnation) Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable for the green-house in winter and the garden in summer. The Marguerite is one of the best for summer flowering.

**DIDISCUS.** Very pretty annual, blooms profusely from July to November, pale lavender blossoms, excellent for cutting. 15c pkt.

**DIGITALIS (Foxglove)** Handsome ornamental hardy perennial plant, easily grown, fine for shrubberies; 3 ft. Mixed colors. 10c pkt.

**DIMORPHOTHECA (African Golden Daisy).** Aurantiaca Hybrida. Beautiful new hybrids of the African Golden Daisy, and similar in habit to the parent; flowers equally as large, but varying in color from the purest white through the various shades of yellow and orange to rich salmon shades, many being zoned with several of these colors around the black disc.  $\frac{1}{4}$  oz., 50 cts. 10c pkt.

**DOLICHOS (Hyacinth Bean)** Rapid annual climber with large clusters of handsome flowers producing later in place of flowers, pods of a deep purple, very ornamental. Purple 10c. Mixed colors 10c pkt.

**DRACAENA (Dragon Plant)** Fine ornamental leaved plant. Mixed colors. 10c pkt.

**ECHINOCYSTIS (Wild Cucumber Vine)** Quickest growing vine known, fine for covering trellises, fences, etc. 10c pkt.

**ENGLISH DAISY (Bellis Perennis)** A favorite almost hardy perennial blooms from early spring until late in summer, easily raised from seed, 4 inches high. Dbl. mixed, finest quality 10c. White or pink 10c.

**ERYNGIUM (Sea Holly)** Handsome ornamental, hardy plant 2 to 3 ft. high. Fine for drying for winter bouquets. 15c pkt.

**ESCHSCHOLTZIA (California Poppy)** Fine annual for beds, border or masses, bloom until frost; 1 ft. Sgl. mixed 10c pkt; dbl. mixed 10c pkt.

**Golden West.** Bright buttery yellow with orange centre. 10c pkt.

**Mandarin.** Inner side of the petals rich orange, outside brilliant scarlet. 10c pkt.

**EUPHORBIA (Snow on the Mountain)** Strong, tall-growing annual, attractive foliage. 10c pkt.

**FORGET-ME-NOT (See Myosotis).** 10c.

### FOUR O'CLOCK

**Marvel of Peru (Mirabilis Jalapa).** A well-known, handsome free-flowering garden favorite; does well everywhere; give each plant 12 to 18 inches of room. Fine mixed colors; 2 ft. 10c pkt.

**FOX GLOVE (See Digitalis)**

**GAILLARDIA (Blanket Flower) Annual** Varieties. Splendid showy annuals, remarkable for the profusion, size, and brilliancy of their flowers, continuing in bloom from early summer until November, excellent for beds, borders, or for cutting; should be sown where they are to bloom;  $1\frac{1}{2}$  ft.

**Picta Mixed.** Single sorts; fine colors. 10c pkt.

**Double-Flowering Mixed.** A charming, profuse, double-flowering strain; beautiful mixed colors. 10c pkt.

**Hardy Perennial Varieties.** 10c

**GERANIUM (Pelargonium)** Double mixed fine color. 15c pkt.

**GLOBE AMARANTH (Gomphrena)** Known as Bachelor's Buttons, fine bedding plant, flowers can be dried and be used in winter bouquets; 2ft. mixed colors. 10c pkt.

**GLOXINIA.** A superb greenhouse sort with magnificent rich colored flowers; do best in equal mixture of peat, loam and sand, mixed colors. 25c pkt.

**GODETIA.** An attractive, hardy annual profuse, showy flowers of varied colors;  $1\frac{1}{2}$  ft. Mixed colors. 10c pkt.

**GOURDS ORNAMENTAL (Cucurbita)** Rapid-growing, annual climbers, ornamental foliage; 15 to 20 ft. Mixed colors. 10c pkt.

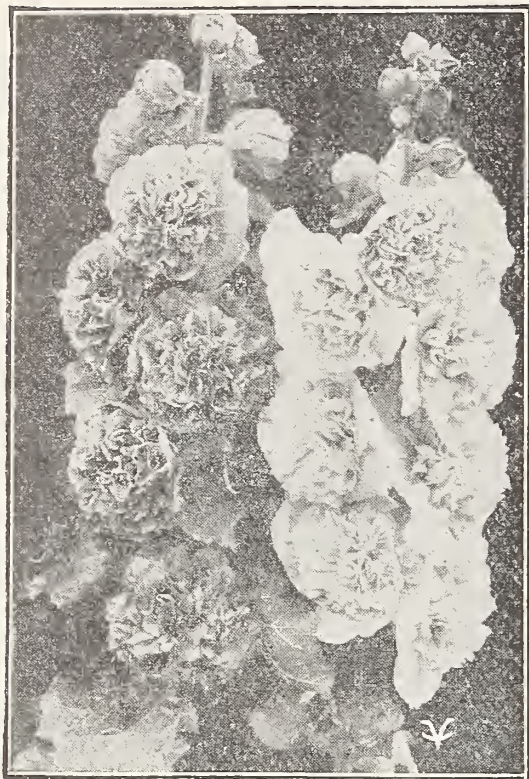
**GRASSES, ORNAMENTAL.** These serve the double purpose of rendering mixed flower-beds on borders attractive in summer and for use in a dried state in winter bouquets, for large beds on groups on lawns, nothing gives a finer effect; largely used in public parks.

**Briza Maxima.** Fine for grass bouquets. 10c.

**Coix Lachrymae (Job's Tears)** Broad, cornlike leaves, annual. 10c.

**Erianthus Ravennae (Hardy Pampas)** Beautiful perennial. 10c.





HOLLYHOCK

**Gynerium Argenteum** (Pampas Grass) Perennial, blooms the second season. 10c.

**Stipa Pennata** (Feather Grass) Perennial, beautiful white, delicate begins to bloom the second season; 2 ft. 10c.

**GYPSOPHILA** (Baby's Breath) Pretty free-flowering elegant plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers.

**Elegans Alba Grandiflora.** 10c.

**Paniculata.** White flower, fine for bouquets; one of the favorite hardy perennials; blooms first year if sown early; 2 feet. 5c pkt.

**HELIANTHUS** (See Sunflower) Single and Double mixed. 10c pkt.

**HELICHRYSUM** (Straw Flower)

**Monstrosum Fl. Pl.** The great demand for this popular Everlasting has induced us to show them in colors this season. Crimson (very rich), Fireball (bright red), Goldenball (Golden yellow), Rose Carmine (Rich and glossy), Silver Ball (Glistening white), Violet (very rich color), Mixed (all colors). 10c pkt.

**HELIOTROPE** (Cherry Pie) Half-hardy perennial, flowering the whole season, very fragrant. Can also be trained as a greenhouse climber. Mixed colors. 10c.

**HIBISCUS** (Marshmallow) Showy, perennial plant with large beautiful colored flowers; 1½ ft. Mixed colors. 10c.

**HOLLYHOCK.** One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers, it is without equal. Seed sown any time before midsummer will produce fine plants for flowering next year.

**Double Varieties.** The seed offered under this head has been saved from the finest double flowers only and is sure to produce satisfactory results. Maroon Rose, Red, Salmon-Rose, White, Yellow. 10c pkt. Extra Choice Double Mixed 40c per ¼ oz.

**HOLLYHOCK.** e Extra choice double mixed. 40c per ¼ oz; 10c pkt.

**Single Varieties.** Mixed 10c pkt.

**HONESTY** (Moonwort Satin Flower)

Hardy biennial, with silvery seed pouches, very attractive; 2 ft. 10c.

**HUMULUS** (Japanese Hop) Ornamental, fast-growing climber resembling the common hop. 10c.

**HUNNEMANNIA** (Giant Yellow Tulip Poppy, or Bush Eschscholtzia) *Fumariaefolia*. This is by far the best of the poppy family for cutting, remaining in good condition for several days. Seed sown early in May will, by the middle of July, produce plants covered with their large buttercup-yellow poppy-like blossoms, and never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathery glaucous foliage. 10c.

**IPOMOEA.** Climbers of very rapid growth, beautiful, varied flowers; for covering walls, arbors, stumps, etc.

**Quamoclit Hybrida** (Cardinal Climbers). 10c pkt.

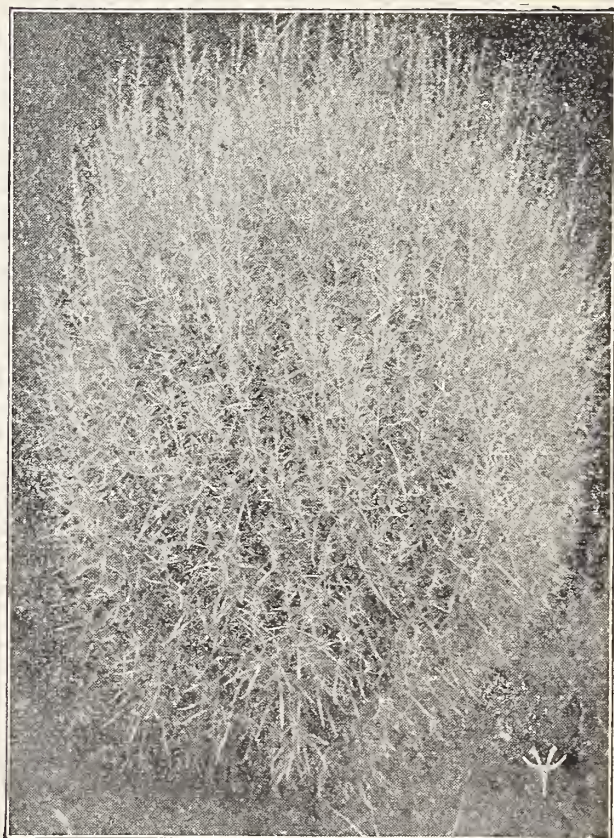
**IMPERIALIS JAPANESE** (Japanese Morning Glory) Largest and handsomest of all Morning Glories. 10c pkt.

**Bona Nox** (Evening Glory) Violet, large fragrant flowers, expanding in the evening. 10c.

**Rubra Coerulea** (Heavenly Blue) Bright sky blue. 10c.

**Grandiflora** (Moon Flower) Blooms at night and on dull days, pure white flowers, 5 to 6 inches in diameter, rapid climber. 10c.

**IMPATIENS** (Sultan's or Zanzibar Balsam). Charming plants for the decoration of the greenhouse or dinner table, producing bright, waxy-looking flowers profusely and almost continuously. The young seedlings should be carefully handled, as they are exceedingly brittle at the outset.



KOCHIA



Sultani. Flowers of brilliant rosy-scarlet color. 25c pkt.

**JOB'S TEARS** (*Coix Lachrymae*) see ornamental grasses.

**KENILWORTH IVY** (See *Linaria*).

**KOCHIA** (Summer Cypress, Belvedere)

Burning Bush. *Trichophylla*. An easily-grown annual, which, sown thinly in spring, soon forms a cypress-like hedge of the most lively green and of perfect symmetry; by midsummer it attains a height of about 3 feet, and late in the autumn the whole plant becomes a deep red, a splendid plant to divide the vegetable from the flower garden, or for forming a hedge for the summer for any purpose.  $\frac{1}{4}$  oz. 20c. pkt. 5c.



**LARKSPUR**

**LADY SLIPPER** (See *Calceolaria*)

**LANTANA**. One of the most desirable half-hardy perennials, constantly in bloom. verbena-like heads of orange, white, rose and other colors; 2 to 3 ft. Mixed colors 10c.

**LARKSPUR** (Annual) These handsome Larkspurs are very effective in borders and planted amongst shrubs. The graceful spikes of bloom are much valued for vases. They continue long in bloom. The Emperor, Hyacinth-flowered and Branching varieties bloom a little later than the Stock-flowered. Sow seed in the open border either in early spring or late fall so germination may take place very early in the spring.

**Stock Flowered.** Mixed, all colors. 10c pkt.

Giant Hyacinth-flowered Mixed, 3 ft. Derives its name from the striking resemblance of the flowers to a double Hyacinth. Delicate colors. 10c pkt.

Tall Rocket Mixed. 10c pkt.

Dwarf Rocket Mixed. 10c pkt.

Emperor Mixed. 10c pkt.

**LATHYRUS** (Everlasting or Hardy Sweet Pea) Free-flowering hardy perennial climber continually in bloom. Mixed colors. 15c pkt. White 10c pkt. Pink 10c pkt.

**LAVENDER** (*Lavandula Vera*) Well-known, sweet-scented, hardy perennial; 3 ft. 10c pkt.

**LINARIA** (Kenilworth Ivy) Charming small, hardy perennial, trailing plant. 10c pkt.

**LINUM** or **FLAX** (Scarlet Flax. Brilliant crimson flowers, an inch or more across, and a continuous bloomer. Annual.

Grows  $1\frac{1}{2}$  to 2 feet high. 10c Pkt. Perennial Varieties Mixed. 10c pkt.

**LUPINUS** (Lupine) Annual Sorts. Free-flowering, easily-grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; prefers a little shade; 2 ft. Rich Blue, Sky Blue, Rose, White. 10 pkt. Annual Mixed. All colors. 5c pkt.

**Polyphyllus Sorts.** Effective hardy perennials, succeeding in any good garden soil; blooms in May and June, 3 ft. Rose, White, Blue 10 pkt. Mixed. All colors. 10c pkt.

**LOBELIA.** The following choice varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-baskets, etc. blooming profusely from June to November. *Cardinalis* is one of the finest native hardy perennials.

**Crystal Palace Compacta.** Rich deep blue; dark foliage; the finest dark blue for bedding. 10c pkt.

**Gracilis.** Light blue; light green foliage; trailing. 10c pkt.

**Speciosa.** Ultramarine-blue; dark leaved; trailing. 10c pkt.

**Mixed Compacta Varieties.** All colors. 10c pkt.

**Cardinalis** (Cardinal Flower). A native variety, with spikes of brilliant scarlet flowers; fine hardy border plant; 3 ft. 15c pkt.

**LYCHNIS.** Handsome hardy perennial, easy culture, fine for beds and borders. Mixed colors. 10c pkt.

**MARIGOLDS** (*Tagetes*) The African and French Marigolds are valuable for their flowers in late summer and autumn and can be grown to advantage in little clumps, with other plants, in the front of shrubbery or in the garden border. The African varieties are the taller in growth, and produce large self-colored blossoms. The French varieties are smaller, some of them being elegantly striped and spotted. The dwarf-growing kinds make extremely handsome borders, being neat compase plants, and remaining in full bloom until killed by frost. Seeds can be sown in the open border, or earlier, in a coldframe, and the young plants transplanted late in the spring to where they are to remain. They succeed best in a light soil, with full exposure to the sun. Annual.



**MARIGOLD**





### NASTURTIUMS

#### AFRICAN MARIGOLDS

**Pride of the Garden.** The immense flowers of this grand variety are densely double, and of a beautiful golden yellow color. A notable feature is the compact, dwarf habit of the plant, which forms dense bushes fifteen to eighteen inches high and two feet across. 10c pkt.

**Orange Ball.** Flowers very large, ten to fourteen inches in circumference, extremely double and quilled like a Dahlia. Plants 3 feet high. 10c pkt.

**Lemon Ball.** Large lemon-colored flowers, fine for cutting. 10c pkt.

**Mixed Varieties.** 10c pkt.

#### FRENCH MARIGOLDS

**Gold Margin.** Double. Flowers velvety maroon, margined with gold. Plant only eight inches high, bushy, compact, and free-flowering. 10c pkt.

**Dwarf Gold Striped.** Double rich brown, striped golden yellow. 10c pkt.

**Dwarf Marigold Little Brownie or Legion of Honor.** A charming single-flowered plant, about six inches high. Very effective in masses or borders. Begins flowering extremely early, commencing in June. Color a brilliant gold, blotched with maroon. 10c pkt.

**Signata Pumila.** Sunshine Marigold. One of the most beautiful plants for fall color, about eighteen inches high, very bushy habit, and each slender branch, which

press close to the main stem, crowned by a delicate golden flower with orange center forming a dense globular mass. Charming in a border or alone. 10c pkt.

**Dwarf Double Varieties Mixed.** 10c pkt.

**Tall Varieties Mixed.** 10c pkt.

#### MARVEL OF PERU or FOUR O'CLOCK.

The flowers of this old-time favorite open about four o'clock in the afternoon and fade the next morning. Two feet high, with bright foliage and fragrant flowers of desirable colors. Set plants two feet apart. Makes a nice hedge if set a foot apart. Seed should be planted in the open ground where plants are desired. The roots may be taken up in the autumn and preserved through the winter for spring planting, in the same manner as Dahlias. Marvel of Peru. Mixed colors. 10c pkt.

**MATRICARIA (Feverfew)** Free-flowering, blooms until frost, hardy annual; 18 inches. Dbl. white 10c pkt.

**MAURANDIA.** Beautiful, slender-growing climber, half-hardy perennial; 10 ft. Mixed colors 10c pkt.

#### MESEMBRYANTHEMUM (Ice Plant)

Dwarf trailing plant of great beauty, blooming the whole summer, half-hardy annual; 6 inches. 10c pkt.

#### MIGNONETTE (Reseda) (6 to 12 inches)

No garden is complete without this fragrant plant of unassuming mien. One of the principal uses is for cutting purposes and combining in bouquets with other more pretentious blossoms without its delicate odor.

**GOLDEN QUEEN.** Yellow. 10c pkt.

**GOLIATH.** Foliage rich green, with bright red flowers. Flower stalks tall and strong, spikes often 7 in. long by 2 in. in diameter. 10c pkt.

**MACHET.** It is the best Mignonette for all purposes either outside or inside. It is an ever-bloomer, the flowers lasting until late in the fall. 10c pkt.

**MIXED.** Many shades and types. 10c pkt.

**MIMOSA (Sensitive Plant)** A curious, interesting annual with pinkish-white flowers, leaves low and droop when touched or shaken. 10c pkt.

**MIMULUS (Musk Plant)** Very showy, profuse-flowering plant, half-hardy perennial, blooms first year if sown early; 1 ft. 15c pkt.

**Tigrinus (Monkey Flower)** Spotted variety. 15c pkt.

**Moschatus (Musk Plant)** Fine for hanging baskets, small yellow flowers, fragrant foliage. 15c pkt.

**MIRIBILIS (See Marvel of Peru).** 10c pkt.

**MOMORDICA (Balsam Pear)** Very curious climber, ornamental foliage, fruit golden yellow, opens when ripe, showing the seed and its beautiful carmine interior, fine for rock-work, etc., annual 10 ft. 10c pkt.

**MORNING GLORY (See Convolvulus).**

**MUSK PLANT (See Mimulus).**

**MYOSOTIS or FORGET-ME-NOT.** Charming, low-growing plants, the bright flowers covering the plants in late spring. Seed sown at any time up to mid-summer will produce plants that will bloom the following spring. Prefer moist shady situation. The Alpestris varieties are very free flowering; they are practically biennial.

**ALPESTRIS.** Blue. Grows six inches high. Blooms in April. 10c pkt.

**ALPESTRIS ALBA.** White. Grows six inches high. Good for borders. 10c pkt.

**ALPESTRIS ROSEA.** Light pink. Grows six inches high. 15c pkt.



**ALPESTRIS, INDIGO BLUE.** New, very fine. A deep indigo blue. 10c pkt.

**ALPESTRIS, VICTORIA.** Sky blue, dwarf. Plants globular. 10c pkt.

**PALUSTRIS (True Forget-me-not).** Blue, with yellow eye. Perennial. 15c pkt.

**MIXED VARIETIES.** Seeds of the above varieties mixed. 10c pkt.

**NASTURTIUMS (Tropaeolum)** For ease of culture, duration of bloom, brilliancy of color and general all around purposes nothing excels this popular variety. Plant in moderately good soil well drained, sunny position, quick growing and bloom profusely until hard frost comes.

**Dwarf Nasturtiums.** Any of the following named varieties, packet 15c.: Yellow and Maroon Biotches, Crimson, Rose, Creamy White, Maroon, Mixed Colors.

**Climbing Nasturtiums.** Any of the following named varieties, packet, 10c.: Maroon, Salmony Rose, Scarlet, Orange, Creamy White, Mixed Colors.

**NEMESIA (Large-flowering Hybrids.)** A very pretty annual, which does best in a cool position; the plants grow about a foot high, and the orchid-like flowers are very varied in color, including rose, yellow, blue, orange, etc. 10 pkt.

#### NICOTIANA

**Affinis.** One of the best Nicotianas we have ever grown. The plant attains the height of three feet and is covered with deliciously-scented, large, white flowers that open in their full glory in the evening and early morning. Easily grown from seed, and cuttings rooted in September will bloom freely in the winter.  $\frac{1}{4}$  oz. 35c. pkt. 10c.

**Sanderae.** The whole plant, from base to summit, is laden with flowers of an intensely glowing rosy carmine color, making it incomparably beautiful and charming. Easily grown. 10c pkt.

**NIGELLA (Love in a Mist, or Devil in the Bush).**

**Damascena.** A compact, free-flowering plant, with finely cut foliage, curious looking flowers and seedpods; of easy culture, growing in any garden soil; hardy annuals; blue and white mixed; 1 ft. 10c pkt.

**Miss Jekyll.** A lovely variety with cornflower-blue blossoms, splendid for cutting. 10c pkt.

**ORNAMENTAL GRASSES (See Grasses).**

**PANSIES (Giant Flowering)** The Pansy gives an abundance of bloom until after severe frosts, endures our hard winters with safety, and greets us in the early spring with a profusion of bright blossoms. Pansies are at their best during the cool, moist weather of spring and fall. Seed sown in the open ground in May or June will give fine blooms in late summer and autumn, and a good crop of flowers the following season if the plants are pinched back in early spring. Seed sown in mid-summer, where it can be shaded and watered will produce plants large enough to winter nicely and come into full bloom in early spring. Young plants give the largest flowers. Old, worn out plants should be replaced by young, vigorous

**Giant Trimardeau Mixture.** A wonderful mixture of extra large flowering pansies conspicuous for different shades of yellow and bronze.

Royal Purple, Bronze, White, King of the Blacks, Cardinal, Ultramarine Blue, Pure Yellow, Yellow with Black Eye, Light Blue, Lavender, Wine Color, Mixed Colors. 10c pkt.



#### PANSY

**Mastepriece Mixture.** A special mixture of the Giant Frilled Pansies. A mixture of the finest of a remarkable type of Giant Flowering Pansies, the petals being beautifully waved or frilled. These extremely beautiful flowers come in a wide variety of colors, ranging from white to the deepest maroon or black, creamy yellow to orange, dainty rose to brilliant crimson.  $\frac{1}{8}$  oz. \$1.00. pkt. 30c.

**Mastodon Mixture.** The finest thing obtainable in pansies. Wonderful rich colors. Very large. 25c pkt.

**Violas or Tufted Pansies.** While the Pansy Proper is a spring flower, violas flower throughout the entire season. Seeds sown in spring produce flowering plants by June which bloom until frost. Splendid mixed colors, fine varieties. 10c pkt.

**PASSIFLORA (Passion Flower)** Fine climbing plant for garden or greenhouse with a profusion of attractive flowers; mixed. 10c.

**PENTSTEMON (Beard-Tongue)** One of the most beautiful attractive herbaceous plants; bearing long graceful spikes of rich colored flowers; if sown early and transplanted in May will bloom in July until frost, half-hardy perennial; 2 ft. Mixed colors. 10c.

**PERILLA (Nankinensis)** An elegant dark leaved bedding plant, easily grown from seed and not as sensitive to cold as the Coleus. The foliage is a very dark, rich, bronzy purple. Plants grow about eighteen inches in height. 10c pkt.

**PETUNIA (Single-Flowered Bedding)** Bedding varieties are unsurpassed for massing. They will make a most showy bed, giving a profusion of flowers from early summer until severe frost.



**PENTSTEMON****PETUNIAS—Continued**

**Blotched and Striped**, very symmetrically marked. 10c pkt.

**Rosy Morn.** Dainty soft carmine-pink; white throat; fine for border. 10c pkt.

**Extra Choice Mixed.** Superb strain 10c.

**Fringed Giant.** 20c pkt.

**Giants of California.** 35c pkt.

**Double Mixed,** 30c pkt.

**PHLOX DRUMMONDI.** Of all summer flowering annuals this variety is unquestionably one of the most brilliant and satisfactory. Seed may be sown in open ground after danger of frost is past and in a few weeks the beds or borders are all aglow with their brilliant coloring until cut down by the frost. For early flowering they should be started indoors.

Snow White, Shell Pink, Deep Rose, Bright Scarlet, Rich Crimson, Primrose, Soft Lilac, Choicest Mixed, Large-Flowering. 10c pkt.

**Star Phlox** (Star of Quedlinburg) Dwarf, pretty star-shaped flower. Mixed colors. 10c.

**Hardy Perennial Phlox.** All colors, mixed. 10c.

**PHYSOSTEGIA** (False Dragon Head) Virginica. One of the prettiest hardy perennials, and gaining in popularity as it becomes better known. It forms dense bushes, 3 to 4 feet high, bearing freely during the summer months spikes of delicate pink tubular flowers not unlike a gigantic heather. 10c.

**PINKS** (See Dianthus)

**PLATYCODON** (Balloon Flower, or Japanese Bellflower). One of the best hardy perennials, producing very showy flowers during the whole season. They form large clumps and are excellent for planting in permanent borders or among shrubbery; easily raised from seed, which begins blooming in August if sown outdoors in April. 10c pkt.

**POPPIES.** An extremely popular brilliant flowering annual. Poppies should be sown where they are to remain, as they will not stand transplanting.

**Single Annual Poppies.** 10c pkt.

**Double Annual Poppies.** Mixed colors. 5c.

**Paeony Flowered.** Large showy, double mixed colors. 10c.

**Flanders Scarlet Single.** 10c.

**Shirley.** Mixed single and semi-double. Many colors. 10c pkt.

**Oriental Poppy.** Perennial, exceedingly showy, scarlet with black centre. 10c pkt.

**Iceland Poppy** (Perennial) Mixed 10c.

**PORTULACA** (Sun Plant) Fine hardy annual, of easy culture, thrives best in rather rich light sandy loam and sunny situation, flowers of richest colors, blooming throughout the summer in great profusion, fine for beds, edging or rockwork; 6 inches. Sgl. mixed 5c. Dbl. mixed 10c.

**PRIMULA.** Charming beautiful Chinese Fringed Primrose, fine for winter or spring decorations. One of the most important winter-blooming pot plants, sow from March to May. Mixed colors 35c.

**PRIMULA** (Obconica Grandiflora) Ever-blooming. Mixed 25c.

**PRIMULA POLYANTHUS** (Perennial) 10c. pkt.

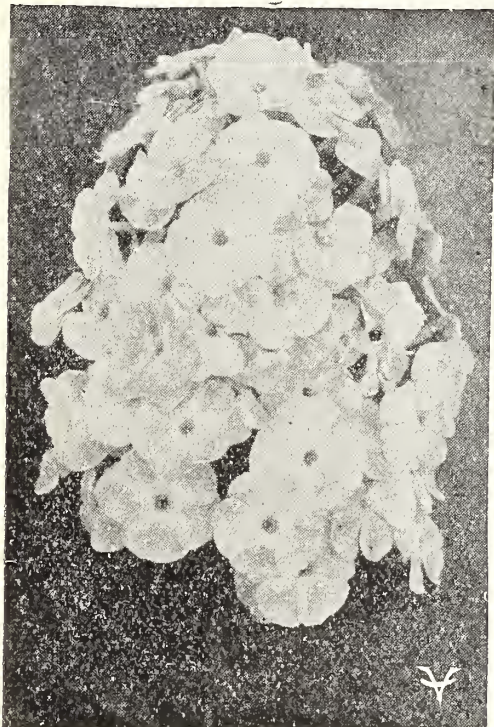
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**ICELAND POPPY**



**PYRETHRUM HYBRIDUM** (Painted Daisy). Hardy perennial, bearing large Daisy or Cosmoslike flowers, ranging in color from white to deep red, with bright yellow centers; blooms in May and June, and again in the fall, and is one of the most graceful and long-lasting cut flowers. 10c pkt.

**RESEDA** (See Mignonette)



#### PHLOX DRUMMONDI

**RHODANTHE** (Swan River Everlasting)

A charming annual; does well in a light rich soil and warm sheltered situation. Fine for pot culture, flowers everlasting. Mixed colors. 10c.

**RICINUS** (Caster Oil Bean) Ornamental plant of stately growth and picturesque flowers, brilliant colored fruit; fine for lawns or center plants for beds, mixed all colors. 10c.

**ZANZIBARIENSIS**. A distinct class, which surpasses in size and beauty all varieties. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves. The different varieties included in our mixture have light and dark green leaves and some of coppery-bronze, changing to dark green, with reddish ribs. The seeds are beautifully marked. 10c.

**SALPIGLOSSIS** (Painted Tongue) One of the greatest favorites among annuals. Partly on account of its easy culture, but mostly for its beautiful, almost orchid-like flowers. Mixed sorts. 10c pkt.

**SALVIA** (Flowering Sage) A favorite bedding plant, bearing long spikes of flowers in great profusion from July until frost, half-hardy perennial, blooms the first year from seed sown indoors and transplanted when weather permits.

**Splendens** (Scarlet Sage) Beautiful bright scarlet. 10c pkt.

**"Bonfire."** This is one of the finest of the Scarlet Sages, growing in a compact bush 2 feet high by 2 feet in diameter. Its erect spikes of brilliant scarlet flowers stand clear above the dark green foliage and completely cover the plant. It attracts immediate attention in the garden, and is one of the most effective and gorgeous plants in cultivation. 10c pkt.

**Patens** (Blue Sage). 15c.

**SCABIOSA** (Mourning Bride, Sweet Scabious, Pin-cushion Flower, etc.) The Annual Scabiosas are firm favorites by many of our customers. Seed can be sown any time in the spring after danger of frost is past. They grow about 2½ feet high, and come into bloom early in July, and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without both the annual and perennial Scabiosas, especially where flowers are wanted for cutting. We offer 6 colors, as under:

**Large - Flowering Annual.** Laven-der-blue, Crimson, Black Purple, Rose, White at 10c per pkt., Mixed at 10c pkt.

**Hardy Perennial Scabiosas.** (Caucasica (Blue Bonnet). One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in waterfi color soft lavender-blue; 3 ft. 10c pkt.

**SCARLET RUNNER BEANS.** Great favorite of England and continent of Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the bright scarlet blossoms. 10c pkt.

**SCHIZANTHUS** (Butterfly or fringe flower) Splendid annual with a profusion of various colored flowers; fine for greenhouse decorations and flower garden, of easy culture. Mixed 15c pkt.

**SHASTA DAISIES** (Chrysanthemum Leucanthemum). A splendid hardy perennial variety with flowers rarely less than 5 inches across, of the purest glistening white, with broad overlapping petals, and borne on long strong stems; a beautiful cut flower, remaining in good condition a week or more. 10c pkt.

**SMILAX** (Myrsiphyllum Asparagoides)

In many respects the Smilax is the most useful, and certainly one of the most graceful climbers; for bouquets and floral decorations it is indispensable. Soak seed in warm water for 12 hours and plant in pots. A tender perennial; 10 ft. 10c pkt.

**SOLANUM** (Jerusalem Cherry) Very useful pot plant for winter decoration, dwarf branching habit, leaves small and oval



**SCHIZANTHUS**



shaped, bearing in great profusion bright scarlet globular berries. 10c pkt.

#### SWEET PEAS (How to grow sweet peas)

The soil for Sweet Peas should be rich and deep. A good rich loam, with plenty of well-rotted manure in it, is the ideal soil for raising good plants that will produce plenty of blooms of good substance. Considerable benefit has been noted from the use of Mulford's Inoculating Culture. We can supply a special culture for Sweet Peas. Price, 35c per bottle, enough for any ordinary garden. They should be in a position fully exposed to the sunlight and air on both sides of the row.

Much depends upon the state of the weather as to when the seed may be sown out of doors; but they should be sown as early in the season as the ground can be worked, which is usually between the mid-



SWEET PEAS

dle of March and the middle of April. It is best to make a trench or furrow about 6 inches deep, in the bottom of which sow the seed. Cover with about an inch of soil, pressing it down firmly. As soon as they are above ground thin out to 2 or 4 inches apart; when planted too close they do not attain their full development. They should be staked up either with branches of brush or stout stakes on which wire netting has been fastened. These should be at least 4 feet high, and 5 feet would be better. It is just as well to do the staking at the time of sowing.

During dry weather they should be watered thoroughly and frequently. The flowers should be cut as often as possible to prevent the plants from running to seed, which would stop them from continuing in bloom.

#### SELECT GRANDIFLORA SWEET PEAS

**Black Knight.** Very deep maroon, shaded black. 10c pkt.

**Dorothy Eckford.** Magnificent pure white.  
**Flora Norton.** The clearest bright blue.  
**King Edward VII.** The finest crimson-scarlet. 10c pkt.

**Lord Nelson.** The richest deep navy-blue.  
**Miss Willmot.** Brilliant orange-pink; very large. 10c pkt.

**Prima Donna.** A magnificent pure pink.  
Price. Any of the above, 10c per pkt., oz. 20c.

**Grandiflora.** Mixed. Ounce, 10c., ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

**SPENCER SWEET PEAS.** The magnificent new Spencer Sweet Peas are rapidly displacing the older kinds. The plants make a vigorous growth and the flowers are extraordinarily large, being, when well grown, from two to two and one-half inches in diameter. In addition, the petals are beautifully waved or fluted, and in some of the newer Spencers the fluting is very pronounced. Practically the whole range of grandiflora varieties has now been duplicated in the Spencer type; but after careful trials we have selected the following list as embracing the Choicest of The Spencer Sweet Peas:

**Appleblossom.** Standard rose, showing veins of deeper rose. Wings light carmine; the whole color overspreads on primrose. 10c.

**Aurora.** Orange rose striped on white. 10c pkt.

**Asta Ohn.** Charming soft lavender tinted with mauve pink. Packet 10c; ounce 45c.

**Barbara.** Bright salmon orange with dark stems. 10c pkt.

**Countess Spencer.** Clear pink deepening somewhat towards the edge. 10c pkt.

**Mrs. Cuthbertson.** Standard is light rose pink, wings white flushed pale rose pink. 10c pkt.

**Dobbie's Cream.** Deep cream or primrose. 10c pkt.

**Dobbie's Sun Proof Crimson.** 10c.

**Flora Norton Spencer.** Bright blue 10c.

**Florence Nightengale Lavender.** 10c pkt.

**Hercules.** A rich pink flower, waved 10c pkt.

**King Edward VII.** Rich waved crimson. 10c pkt.

**King White.** Produces gigantic flowers absolutely pure white. 10c pkt.

**Jack Cornwall.** Rich dark blue. 10c pkt.

**Margaret Atlee.** Large rich pink. 10c pkt.

**Mrs. Tom Jones.** Brilliant blue. 10c pkt.

**Royal Purple.** Rich royal blue. 10c pkt.

**Royal Scott.** Brilliant scarlet. 10c pkt.

**Warrior.** Maroon. 10c pkt.

**White Spencer.** Large pure white. Pkt. 10c, oz. 25c.

**Superb.** Mixed. Per ounce 25c, ¼ lb. 85c, 1 lb. \$2.50.

#### STOKESIA (Cornflower Aster) Cyanea.

This is not new, but is a rare and beautiful hardy perennial. The plant grows about 24 inches high, each bearing from 20 to 30 handsome lavender-blue cornflower-like blossoms; in bloom from July till frost. One of the choicest subjects for the hardy border, and indispensable for cutting. 10c.





### CUT AND COME AGAIN TEN WEEKS STOCK

**FEED FLOWERS ASPIRIN.** Cut flowers may be prevented from fading by giving them an aspirin tablet. Norman D. Keefer, pharmacist at Mt. Alto, Pa., says that by this method he preserved flowers for several days beyond the time when they ordinarily would fade and has revived them when wilted.

#### STOCKS (Cut-and-Come-Again 10-Week

Stocks. Splendid perpetual-blooming class, sown in March or April they begin flowering in July, continuing till frost, and are especially valuable during September and October, when other flowers are scarce; they throw out numerous side branches, all bearing very double, fragrant flowers. White, Rose, Blood-red, Dark Blue, Creamy-Yellow, 10c per pkt. Finest Mixed, all colors 10 per pkt.

#### Dresden Perpetual. Pink 15c pkt.

Crimson, Blood Red, White, Violet, Dark Blue, Purple, Mixed. 10c per pkt.

**SUNFLOWER.** These comprise plants of majestic growth and immense showy flowers, suitable for shrubberies, woodlands, wild gardens and subtropical gardening; the dwarfer kinds, with smaller flowers, are charming when grouped in mixed flower borders. Excellent for cutting.

#### Large Flowered Tall—

Californicus Fl. Pl. 10 feet. Double dark yellow. 10c pkt.

Double Mixed. 10c pkt.

Russian Mammoth. Single, of gigantic dimensions. 1 oz., 10c.

#### Miniature-Flowered Sunflowers—

Double Hybrids. Double and semi-double flowers. 10c pkt.

**SWEET ROCKET (Hesperis)** Old-fashioned garden plant, also known as Dame's Rocket and Dame's Violet; 2 to 3 ft. high, with spikes of showy white, lilac and purple fragrant flowers, fine for shrubbery and permanent border. Mixed colors. 10c pkt.

**SWEET SULTAN.** See Centaurea.

#### SWEET WILLIAM (Dianthus Barbatus)

(London Tufts). A well-known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. It is much better to raise new, vigorous, young plants from seed every season than to divide the old plants.

Pink Beauty, deep pink. 10c pkt.

Double Mixed. 10c pkt.

Single Mixed. 10c pkt.

**TAGETES** (See Marigolds and Calendula).

**THUNBERGIA (Black-eyed Susan)** Beautiful rapid-growing climber used especially for hanging baskets, low fences, etc., flowers in buff, white orange, etc., with dark eyes; mixed colors. 10c pkt.

**TORENIA.** Fine annual; splendid plant for vases, hanging baskets, borders, etc., blooming the entire season. Blue, white, and yellow. 10c pkt.





VERBENA

**TROPAEOLUM** (See Nasturtium).

**VERBENAS.** Unrivalled as low growing bedding plants. Long season of bloom. Very few plants will make such a gorge-out display during the summer months as the Verbenas, or furnish more flowers for cutting. Start seed in the house or under glass early in the spring, and transplant after three or four inches of growth. Good healthy plants can be produced readily from seed. They flower in July, and continue strong and healthy until after severe frosts.

**Striped.** Excellent flowers, with Carnation-like stripes. 10c pkt.

**Scarlet.** Brightest scarlet. Quite true. 10c pkt.

**Pure White.** Quite true from seed. 10c pkt.

**Blue.** Shades of blue and purple. 10c pkt.

**Pink.** 10 pkt.

**Mixed Colors.** 10c pkt.

**Verbena Hybrida.** Extra large flowers, fine mixed colors, choice seed, saved only from the most beautiful named flowers. 10 pkt.

**Lemon Scented.** 10c pkt.

**VIOLA** (See Pansies).

**VINCA** (Madagascar Periwinkle or old Maid) Ornamental free-blooming plant, fine for bedding flower from seed the first season continuing until frost, or they may be potted and kept in bloom through the winter, 2 ft. Rose 10c, White 10c, Mixed 10c.

**WALLFLOWER.** Well-known deliciously fragrant half hardy perennials, blooming

early in the spring, with spikes of beautiful flowers. They should be protected in a cold frame in the winter and planted out in April.

**Single Mixed.** All colors. 10c pkt.

**Double Finest Mixed.** 10c pkt.

**WILD CUCUMBER** (See Echinocystis.) 10c pkt.

**WILD GARDEN FLOWER SEEDS.** Under this heading we offer a mixture of the easiest and surest growing kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting. 10c pkt.

**ZINNIAS** (Youth and Old Age) One of the most brilliant and showy of annuals. An old and continued favorite. The seed can be sown early and transplanted or sown later in open ground. They come into bloom early in summer, and continue until hard frost.

**Double Giants.** An improved strain which produces immense flowers. 10c pkt. Blood Red, Bright Rose, Canary Yellow, Crimson, Golden Yellow, Blush Pink, Orange, Purple, Rose, Violet. Each 10c pkt.

**Dahlia Flowered.** The latest development in Zinnias, bears flowers of mammoth size resembling a decorative Dahlia. Our special strain is grown by the originator of this type. Mixed colors, 15c pkt.



**Plants for Spring Planting**

Cauliflower	English Daisy
Cabbage	Salvia
Celery	Aster
Tomato	Verbenas
Egg Plant	Snap Dragon
Pepper	Pansy

**Bulbs for Spring Planting**

Cannas	Dahlia
Gladioli	Tube-roses
Caladium	Madiera Vines
Tuberous Begonia	Cinnamon Vine

**FLORISTS' SUNDRIES**

Thermometers	Bulb Syringes	Shears
Tin Foil	Glazing Points	Scissors
Green Moss	Flower Pots	Fine Cutlery
Raffia and Reed	Hyacinth Glasses	Syringes for Plants
Immortelles	Hanging Baskets	Flower Pot Brackets
Mastica	Flower Supports	Lawn Seed and Fertilizers
Plant Labels	Plant Stands	Bird Supplies
Fumigators	Trellisses	Wire Plant Supports

**REED**

No. 1, lb.	\$1.50; oz. 15c
No. 2, lb.	1.45; oz. 15c
No. 3, lb.	1.40; oz. 15c
No. 4, lb.	1.35; oz. 12c
No. 5, lb.	1.10; oz. 10c
No. 6, lb.	.95c; oz. 10c
Raffia, natural colors,	..... lb. 50c; oz. 5c
Raffia, all colors,	....lb. \$1.50; oz. 20c
Chaircane, 5 sizes,	\$1.25 to \$1.75 per bunch.

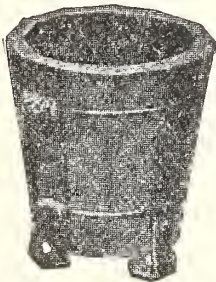
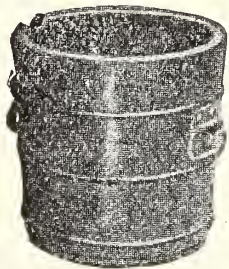
**Neponset Waterproof Paper Flower Pots**

	Doz.	Per 100	Per 1000		Doz.	Per 100	Per 1000
2¼ in. pots.....	\$0.11	\$0.50	\$4.40	4 in. pots.....	\$0.25	\$1.30	\$11.40
2½ in. pots.....	.13	.60	5.00	5 in. pots.....	.30	2.00	17.75
3 in. pots.....	.18	.80	6.70	6 in. pots.....	.45	2.70	21.75
3½ in. pots.....	.20	1.00	9.00				

ASK FOR OUR SPECIAL QUANTITY PRICE

**FLOWER TUBS, ALL SIZES**

\$1.25   \$1.50   \$1.75   \$2.00   \$2.50   \$3.50



Flower Pots

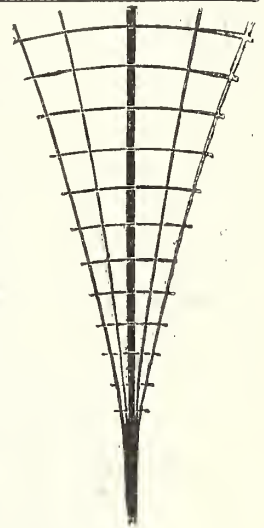
Hanging Baskets

Fern Pans

Lily Pans

**TRELLISES, URNS, VASES, SETTEES.**

We offer a fine variety of styles in various sizes suitable for lawns front, yards, cemeteries, parks etc. These can be furnished to order on short notice, at reasonable prices. For full particulars, write or call and see us.

**GRAPE BASKETS  
BERRY BASKETS**

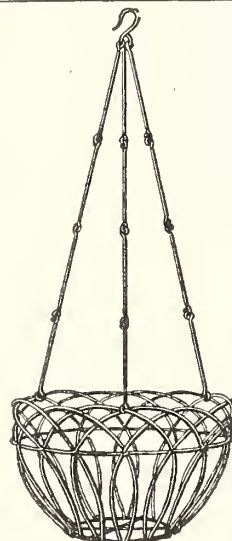
We carry a large stock of Baskets at the lowest market price.

**GALVANIZED WINDOW BOXES**

IN VARIOUS STYLES AND SIZES

**Wire Hanging Baskets**

10-inch .....	\$ .40 each
12-inch .....	.50 each
15-inch .....	.60 each

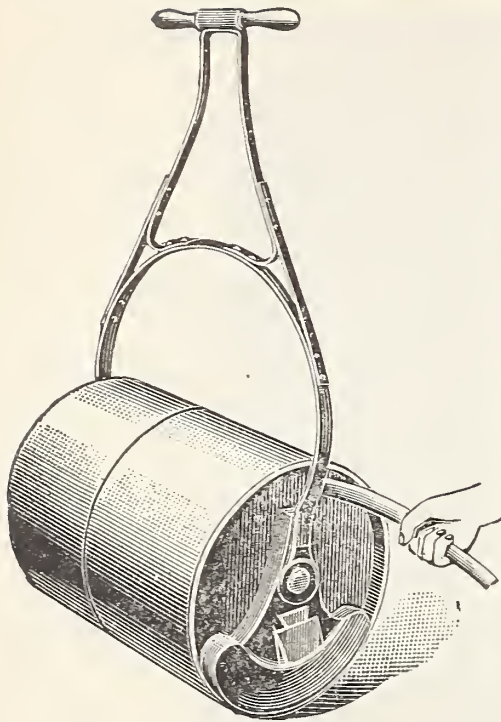
**Basket and Tray Bottoms**

	Each
3½-inch round...	\$.10
4 -inch round...	.12
5 -inch round...	.15
6 -inch round...	.15
7 -inch round...	.20
8 -inch round...	.25
10 -inch round...	.35
11½-inch round...	.45
12x19 oval, plain..	.75
12x19 oval, perforated .....	1.00
8x12 oval, plain..	.40
18-inch Table Lamps .....	1.00
Fancy designs on order at reasonable prices.	

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

For Seeds, Tools, Etc., See Our Annual Catalog for 1925.



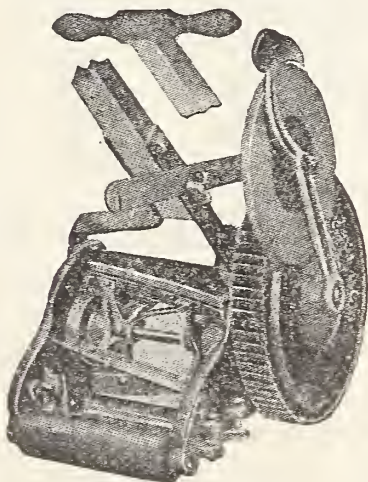


### DUNHAM LAWN WATER-WEIGHT ROLLER

The Dunham Ball-bearing Water-weight Roller is made in one section and electric-welded, no rivets being used so the water cannot possibly leak out. The weight of this roller can be increased or diminished by increasing or decreasing the water. Very simple and easy to handle and revolutionizes the work of rolling. When not in use the water can be let out if desired.

No. 2, water, 175 lb.....	\$13.00
No. 4, water, 265 lb.....	16.00
No. 5, water, 275 lb., sand 500 lb.....	20.00
No. 7, water, 420 lb., sand 800 lb.....	22.00
Add \$4.00 for the counterweight.	

### LAWN TRIMMER

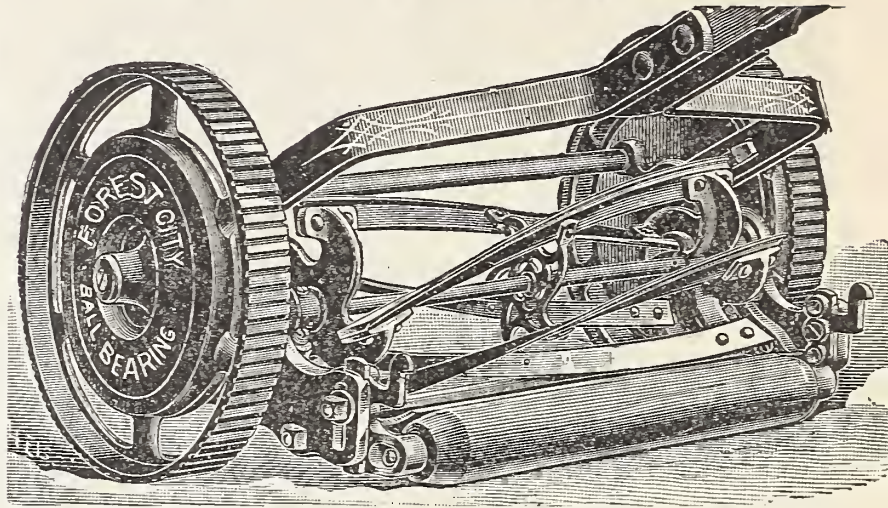


For trimming around walks flower beds, trees, posts, monuments and shrubbery, and all places that cannot be reached with any lawn mower. Cuts within one fourth of an inch of the edge.

Has a revolving cutter with four crucible steel blades, tempered in oil and cuts six inches wide.

PRICE \$10.00 and \$12.00

## FOREST CITY BALL BEARING



This unquestionably is the Best BALL BEARING MOWER on the market. Perfect in detail, absolutely guaranteed

15-inch .....	\$21.00	19-inch .....	\$25.00
17-inch .....	24.00	21-inch .....	28.00

## HORSE LAWN MOWERS

Pennsylvania Standard or Regular Style

	4-blade cylinder
25-in. Pony, with wooden rear roller (draw bale only) .....	\$ 60.00
30-in., with draw bale only.....	100 00
30-in., with seats and shafts.....	120.00
38-in., with draw bale only.....	130.00
38-in., with seats and shafts.....	155.00

### Pennsylvania Grand Horse Mower

30-in. cut, with draw bale.....	\$115 00
30-in. cut, with seat and shafts.....	135.00
38-in. cut, with draw bale.....	145 00
38-in. cut, with seat and shafts.....	170.00

Send for Catalogue

## "LITTLE WONDER" HEDGE TRIMMER

30 inch size \$24.00

The Little Wonder Hedge Trimmer cuts every variety of hedge grown, five to ten times as fast as by hand.

Will trim a hedge to any shape and cut wanted, various attachments and adjustments being provided for each type.

Cuts sides of square or pivot top hedges 10 feet high with the operators standing on the ground.

Makes hedge cutting a positive pleasure—everybody wants to use it when they see it.

Cuts more evenly as well as more quickly.

Weighs only 10 to 16 pounds according to the attachments used.

Saves you money every time it trims a hedge. The more hedge the bigger the saving.

With the Little Wonder an amateur becomes an expert almost instantly.





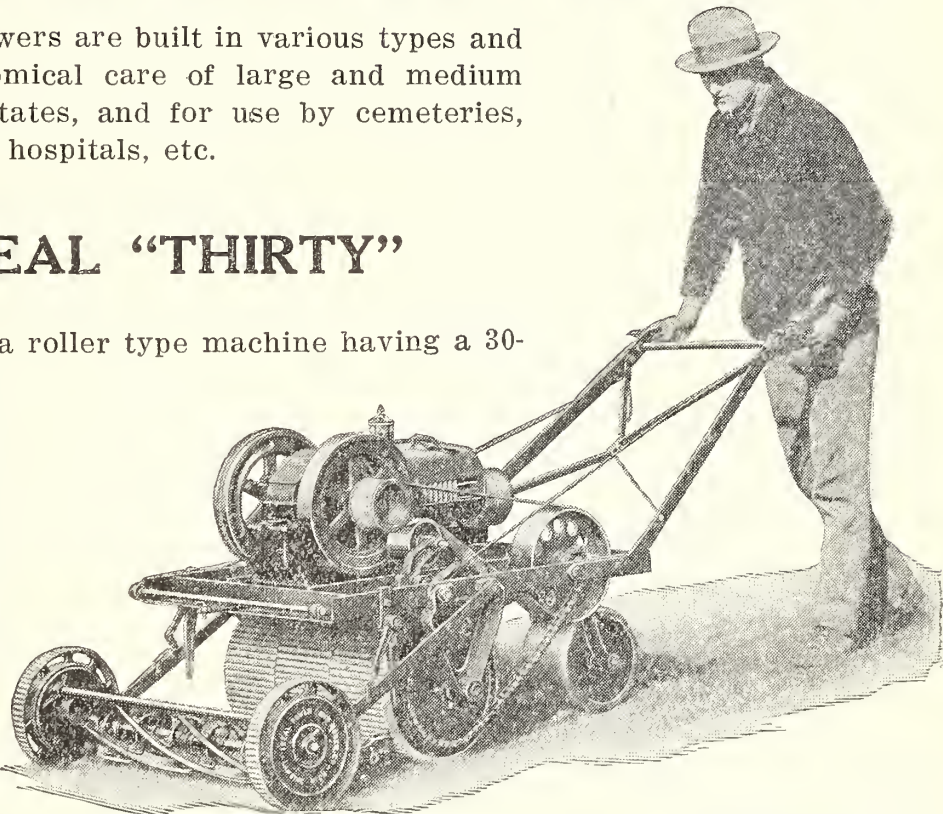
# Ideal Power Lawn Mowers

Ideal Power Lawn Mowers are built in various types and sizes suitable for economical care of large and medium small lawns, private estates, and for use by cemeteries, parks, schools, colleges, hospitals, etc.

## THE IDEAL "THIRTY"

The Ideal "Thirty" is a roller type machine having a 30-inch cut and is a mower widely used by owners of large lawns. This mower does the work of five or six men with hand mowers, is economical to operate, and will serve for many years. This machine is the most widely used power mower built.

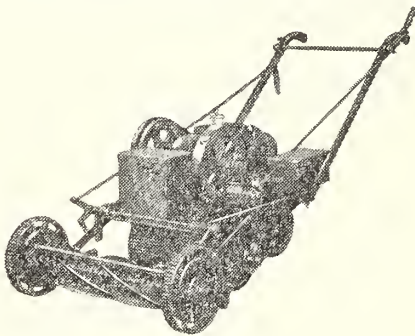
A valuable feature of the roller type machine is the fact that they keep lawns in wonderfully fine, smooth condition. The value of a machine of this kind is especially apparent in the early spring when every lawn needs frequent rolling.



## THE IDEAL "TWENTY-TWO"

The Ideal "Twenty-two", also known as the Ideal Junior, is of the same general design as the "Thirty", being a roller type machine but smaller, lighter, having a narrower cut, and as a consequence lower in price. The "Twenty-two" is a very good machine for cemeteries, also extensively used on lawns of moderate size.

Both the "Thirty" and the "Twenty-two" are equipped with the Ideal air-cooled, slow speed, four cycle engine, and with the Ideal Bull Dog cutting units. In fact, these machines are built complete in the Ideal plant and their reliability is well known through many years of service.



1926 PRICE LIST OF IDEAL POWER MOWERS

Ideal Junior Power Mower, roller type, with one cutting mower.....	\$245 00
Extra for one additional 22-in. cutting unit.....	35.00
Ideal Standard 30-in. Mower, roller type, with one cutting mower.....	360.00
Riding Trailer for 30-in. mower.....	20.00
Extra for one additional 30-in. cutting unit.....	50.00
Extra for 22-in. putting green unit.....	55.00
Ideal "Twenty-five" (wheel type).....	285.00
Ideal Power Putting Green Mower, roller type, complete with one 18-in. cutting green unit and grass catcher.....	260.00
Extra for one additional 18-in. putting green unit.....	45.00
Extra for one 22-in. five blade cutting unit for ordinary lawn.....	35.00
Extra for grass catcher.....	7.50
Ideal Power Triplex Mower complete with three cutting mowers.....	1250.00
Extra each for additional cutting units for triplex.....	90.00



# 52 Ideal Power Lawn Mowers

GUARANTEED TO CUT ANY STEEP GRADE--HILLY LAWN



The Ideal "Twenty-five" is a mower that will soon pay its cost on any large lawn, yet its greatest utility is in cemetery work and for use on lawns and parks where there are steep grades to climb. Being extremely simple in design, it is a mower that anyone can easily operate and care for. Very sturdy in construction, plenty of power for the hardest work and built for years of service.

## IDEAL ROLLER TYPE POWER LAWN MOWERS

The Ideal "Thirty" and the Ideal "Twenty-two" roller type mowers for large lawns, parks, athletic fields, schools, colleges, etc. Many users prefer the roller type machine which will keep the sod rolled smooth and firm, and rolling feature is particularly valuable on new lawns.

A valuable mower for use in cemeteries and on lawns that have steep grades. Has sufficient power and traction to negotiate any grade that it is possible for any power mower to climb.

### We Refer You to a Few Users of Ideal Mowers

Donald Dey, Syracuse, N. Y.  
C. A. Chase, Syracuse, N. Y.  
Stephen Bresee, 406 W. Willow St., Syracuse, N. Y.  
Dr. W. C. McKeeby, Post-Standard Building, Syracuse, N. Y.  
Dr. Frank J. Kaufman, Cleveland, N. Y.  
St. John's Military School, Manlius, N. Y.  
Charles Ely, Fayetteville, N. Y.  
N. Y. State Women's Relief Corps Home, Oxford, N. Y.  
Solvay Process Co., Solvay, N. Y.  
Jas. Heffernan, Syracuse, N. Y.  
Mrs. H. S. Holden, Syracuse, N. Y.  
Tuscarora Golf Club, Syracuse, N. Y.  
C. D. Beebe, Skaneateles, N. Y.  
Rt. Rev. Bishop Curley, Syracuse, N. Y.  
Clarence R. King, Syracuse, N. Y.

S. T. Wood, Liverpool, N. Y.  
Frank Smith, Clay, N. Y.  
Harold Avery, Syracuse, N. Y.  
Mrs. Henry Burden, Cazenovia, N. Y.  
R. H. Bendixon, Syracuse, N. Y.  
City of Syracuse, Syracuse, N. Y.  
Lyman C. Smith Estate, Syracuse, N. Y.  
Mrs. F. W. Sager, Skaneateles, N. Y.  
Geo. H. Norris, Syracuse, N. Y.  
C. S. Estabrook, Syracuse, N. Y.  
Geo. W. Wood, Skaneateles, N. Y.  
E. N. Trump, Syracuse, N. Y.  
E. I. Rice, Syracuse, N. Y.  
Willard C. Lipe, Syracuse, N. Y.  
John Hunter, Fulton, N. Y.  
Oswego Public Works, Oswego, N. Y.  
H. A. Moody, Pulaski, N. Y.  
Camillus Cemetery, Camillus, N. Y.

## WOLVERINE HAND MOWERS

Sturdy is the word which best describes the Ideal Wolverine Hand Mower. Every detail lengthens the life.



Equipped  
with  
Timken  
Roller  
Bearings

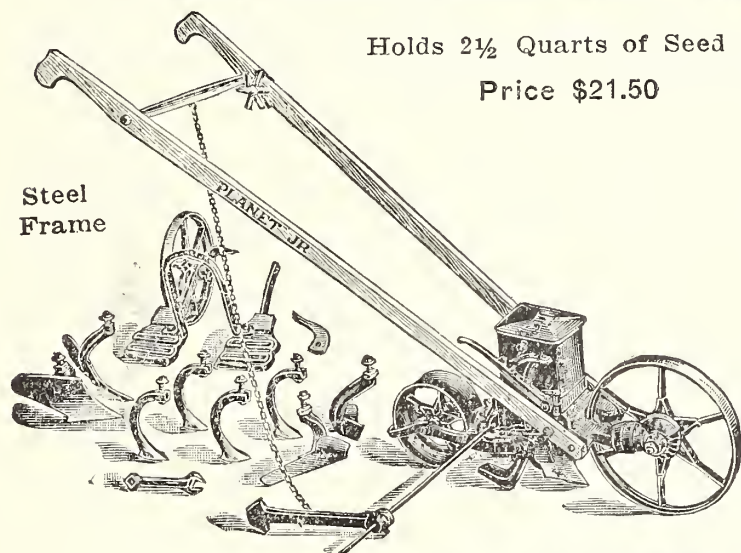
Dust Proof Bearing Bushings  
Specially Designed Handle Clamp  
Absolutely Rigid Frame  
Lower Cutting Bar Independent of Frame  
Revolving Blades of Selected High Carbon Steel  
Open Hearth Lower Blade with Crucible Steel Face  
(Furnished in either four blade or five blade types)  
16-inch Ideal Wolverine Hand Mower .....\$22.00  
18-inch Ideal Wolverine Hand Mower ..... 24.00

IDEAL "BULL DOG" 5-UNIT TRACTOR MOWER, complete with tractor hitch for pulling behind any tractor (138-inch cut), weight 1540 lbs.....\$675.00  
IDEAL "BULL DOG" 3-UNIT TRACTOR MOWER, complete with tractor hitch for pulling behind any tractor (84-inch cut), weight 1030 lbs..... 440.00  
IDEAL HORSE DRAWN "BULL DOG" 3-UNIT MOWER, complete with thills (pole optional). Furnished with seat (84-inch cut), weight 1040 lbs..... 440.00



# Planet Jr. GARDEN IMPLEMENTS

## No. 25 Planet Jr. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow

Holds  $2\frac{1}{2}$  Quarts of Seed

Price \$21.50

Has the same simple, accurate seeding device as the No. 4, but as a wheel hoe can be used with either one or two wheels. It is especially suitable for the larger family garden where the rows are long enough to warrant the use of a double wheel hoe. Straddles the row in crops, like beets, carrots, beans, peas, lettuce, onions, radish, spinach, etc., during the entire season, permitting closer, cleaner work. Tools specially designed and oil-tempered.

## No. 12 Combined Double and Single Wheel Hoe, Cultivator and Plow

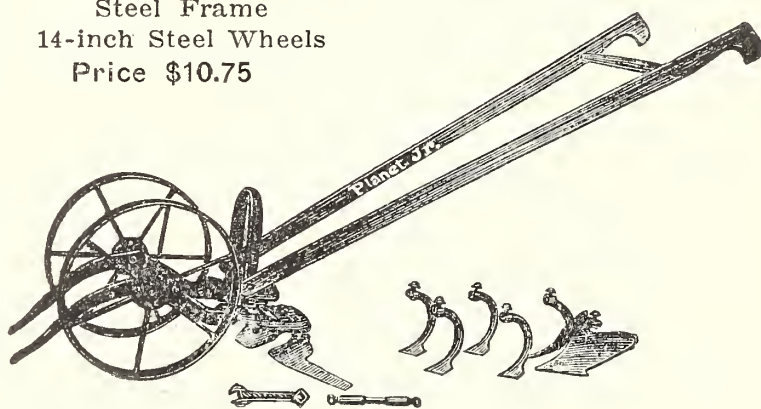
A double and single wheel hoe in one, with high arch so that crops can be straddled until 20 inches high—quicker and cleaner work. May then be used between the rows with one or two wheels.

Will do almost any kind of garden work—plowing, harrowing, hoeing, cultivating, opening furrows, covering and hilling, and useful throughout the season.

Tools are of special design and specially hardened, giving elegant satisfaction and long service.

No. 13, with Side Hoes only \$8.00

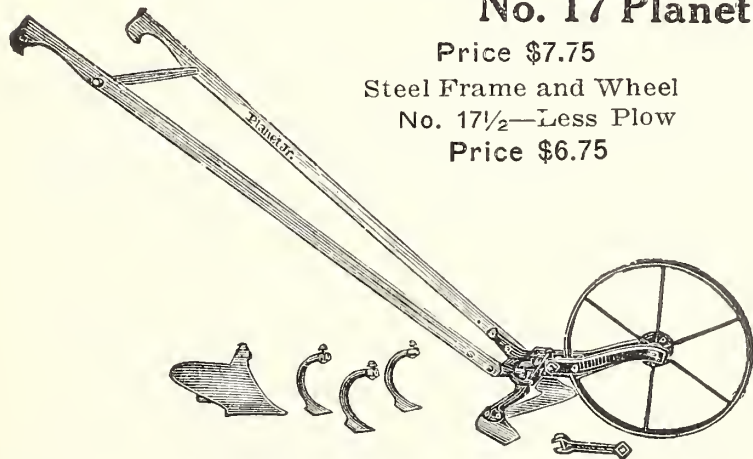
Steel Frame  
14-inch Steel Wheels  
Price \$10.75



## No. 17 Planet Jr. Single Wheel Hoe

Price \$7.75

Steel Frame and Wheel  
No. 17 $\frac{1}{2}$ —Less Plow  
Price \$6.75



Single Wheel Hoes are the most popular hand cultivating tools for general work. They have a great variety of attachments which adapt them to almost any kind of garden work. They are generally used between the rows, but by mounting the wheel on the other side of the arm, can be used to hoe both sides at once, while plants are small.

## No. 18 Planet Jr. Single Wheel Hoe. Price \$5.75

The No. 18 is the No. 17 without the plow and cultivator teeth, which can be added at any time if wanted. The hoes, the most valuable of the wheel hoe attachments, hoe completely all the space between 12 and 14-inch rows in the most perfect manner. They leave the ground level.

Step in and inspect our Planet Jr. tools.

For Seeds, Tools, Etc., See Our Annual Catalog for 1925.



# Planet Jr. Seed Drills

The success of your crops depends on good seeding and thorough cultivation. Both these operations a Planet Jr. will do in a fraction of the time required by old methods and with a fraction of the labor. Fifty years of study and experiment have resulted in several types of Planet Jr. Implements which combine in the highest degree effective work, ease of handling and wear-resisting quality.

## No. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER, WHEEL HOE, CULTIVATOR AND PLOW



Price complete, \$18.00.  
No. 4D Hill and Drill  
Seeder, less the cultivat-  
ing attachments, \$14.25.

This accurate, durable and easy-run-  
ning tool sows all garden seeds from  
the smallest up to peas and beans in  
hills, 4, 6, 8, 12 or 24 inches apart, or  
in drills at the proper thickness and  
depth; rolling down and marking out  
the next row all at one passage. No  
time is lost. No seed wasted. By  
removing the seeder parts you have a  
first-class single wheel hoe with a set  
of specially hardened steel tools.  
Makes the care of a garden a pleasure  
as well as very profitable. Can be  
used successfully by men, women or  
growing boys.

## No. 3 "PLANET JR." HILL AND DRILL SEEDER

The No. 3 driving wheel is steel,  
with heavy forged steel spokes, not  
"piano wire"; of proper height,  
with broad face, making the tool  
light and easy running, even with  
the hopper filled to the brim.

The special force feed is admir-  
able, working equally well whether  
sowing with an ounce or a full hop-  
per. Holds 3 quarts.

The hill dropping is simple and  
reliable, making hills 4, 6, 8, 12 or  
24 inches apart.

## No. 5 "Planet Jr." Hill and Drill Seeder

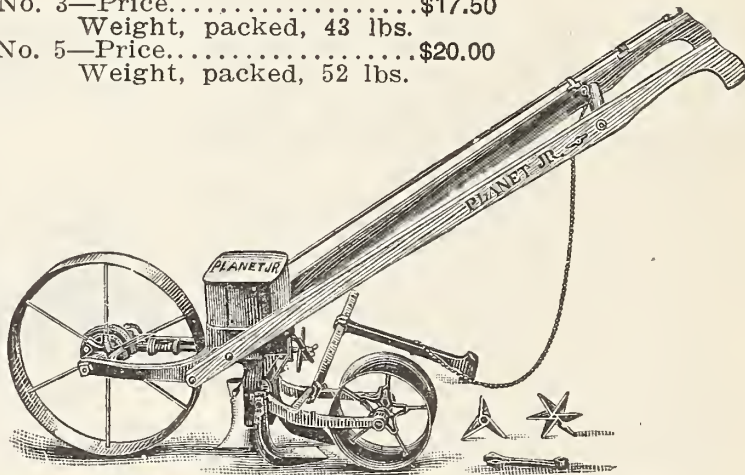
16½-inch steel wheel. Sheet steel  
hopper holding 5 quarts. Built on  
the same lines as No. 3 Drill, only  
larger.

No. 3—Price.....\$17.50

Weight, packed, 43 lbs.

No. 5—Price.....\$20.00

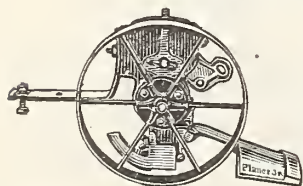
Weight, packed, 52 lbs.



## No. 35 Planet Jr. Seeder Attachment. Price \$6.50

With handle, \$7.25. Weight, 8½ lbs.; with handle, 9½ lbs.

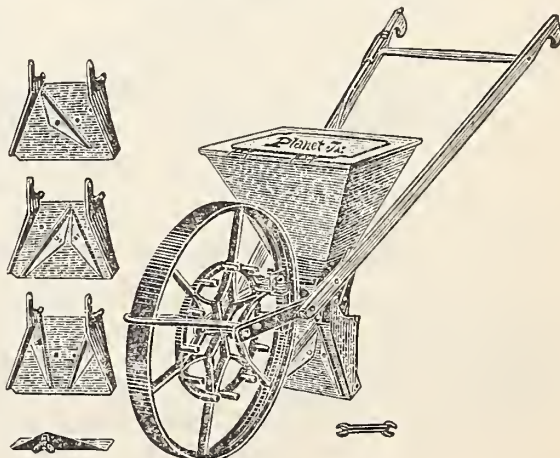
This seeder can be attached to any Planet Jr. Single or Double  
Wheel Hoe or Garden Plow except Firefly with a single bolt and will  
be found particularly suitable for the small kitchen garden. It will  
plant practically all seeds in a straight, continuous row, at a uniform  
depth, in a fraction of the time required by hand and infinitely better.  
Everyone having a wheel hoe should have this attachment. Also fur-  
nished with a handle so it can be used as a separate machine.



## No. 20-D Planet Jr. Fertilizer Drill

The No. 20-D Fertilizer Drill saves time and  
money and produces bigger crops. When fertilizer  
is broadcast before seeding, a lot of it is wasted.  
Put it where and when it will do the most good—  
by side-dressing your crops with the Planet Jr. No.  
20-D Fertilizer Drill. The new type spout permits  
distributing the fertilizer to the right and left of  
the center of the road at one time, directly in the  
center, or all to one side either right or left, as you  
may desire. The hopper holds one-half a bushel.  
An oscillating feeding shelf covers the open bottom  
of the hopper, and by quick reciprocating motion  
feeds the fertilizer evenly through a rear discharge  
spout, which is regulated in size by a feed rod and  
an index at the top of the handle.

The No. 20 will sow fertilizers evenly 100 to 1,000  
pounds to the acre. Rush young plants by side-  
dressing. Makes a more tender crop—which sells  
quicker—at better prices. Price \$27.00.

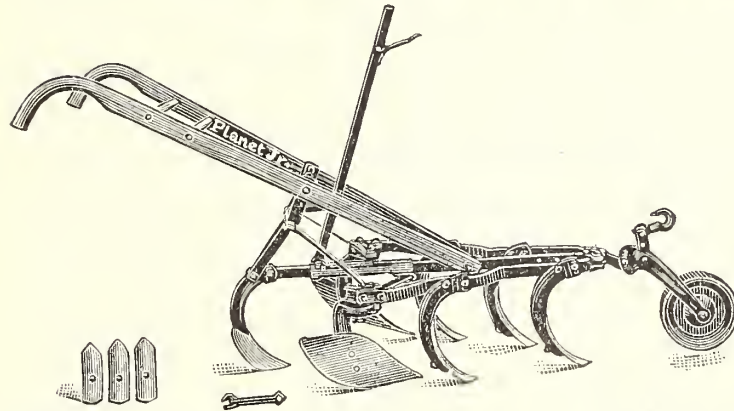




# Planet Jr.

## HORSE HOES AND CULTIVATORS

### No. 82 Planet Jr. Seven-Tooth Horse Hoe and Cultivator



steel. No. 82. Price .....\$17.00

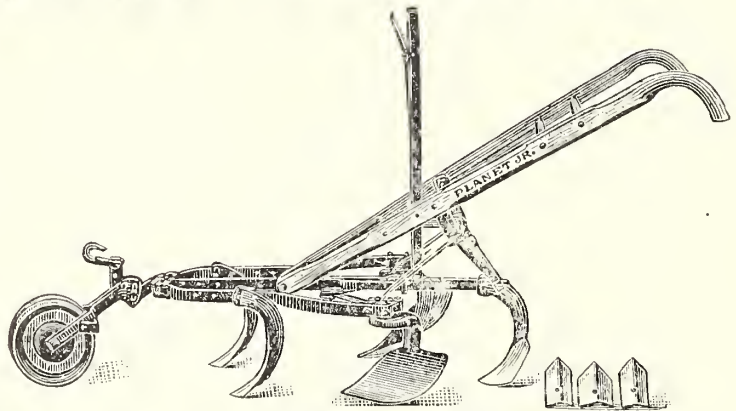
The No. 82 Planet Jr. Seven-Tooth Horse Hoe is a new machine which, in the opinion of those who ought to know, is the coming One-Horse Hoe and Cultivator. Its reversible side standards can be turned to any angle desired. It insures fine and thorough cultivation because the seven  $2\frac{1}{4} \times 8$ -inch cultivator steels do better work than the five-tooth machine. The No. 82 will take all the extra attachments shown in the Planet Jr. catalog, including Sweeps, Furrowers, Turning Shovels, etc., etc. Can be run deep or shallow. **Equipment:** 7  $2\frac{1}{4} \times 8$ -inch Cultivator Steels, 1 pair 6-inch Hillers, 1 7-inch Shovel Steel, Lever Expander. No. 32E same, but hillers and shovel No. 82E. Price.....\$15.75

### NO. 9 PLANET JR. HORSE HOE AND CULTIVATOR

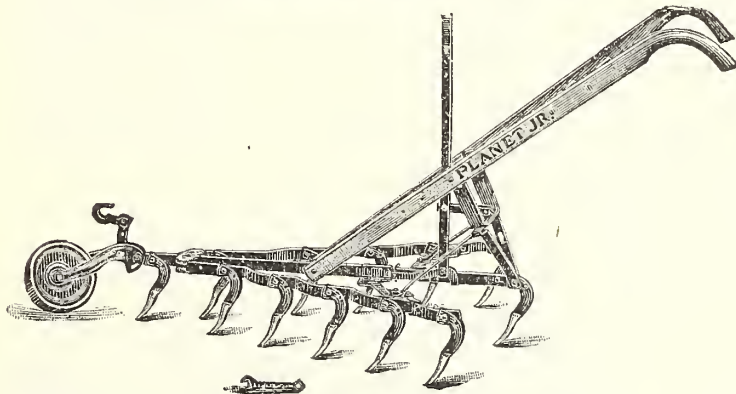
The No. 9 has become popular because of its strength, lightness, easy change of width, and perfection of work, and is a favorite. All steels especially hardened and efficient. The handles are adjustable in height and also sidewise.

The No. 9 Planet Jr. Combined Horse Hoe and Cultivator is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is easy to handle. It cultivates to any reasonable depth, and is adjustable for any useful width. No. 9E same, less the 6-inch hillers and the 7-inch shovel.

No. 9. Price.....\$15.50  
No. 9E. Price..... 14.25



### NO. 91 PLANET JR. TWELVE-TOOTH HARROW



A great favorite among vegetable and berry growers. The strawberry grower finds this tool invaluable, as it works so closely and thoroughly, deep or shallow, without throwing earth on the plants. With it he keeps the ground loose and clean, and works up and beds the runners. The round-throated teeth turn them aside without injury, ready to root in the mellowed soil.

Farmers and gardeners use the harrow in deep or close cultivation, or when desiring to work a crop thoroughly, but without hilling.

The foot lever pulverizer is an effective attachment for fine cultivation and for preparing ground for the seed

drill or for plant setting. It comes as an extra. No. 91, Price.....\$13.75

### NO. 101 PLANET JR. PLAIN CULTIVATOR

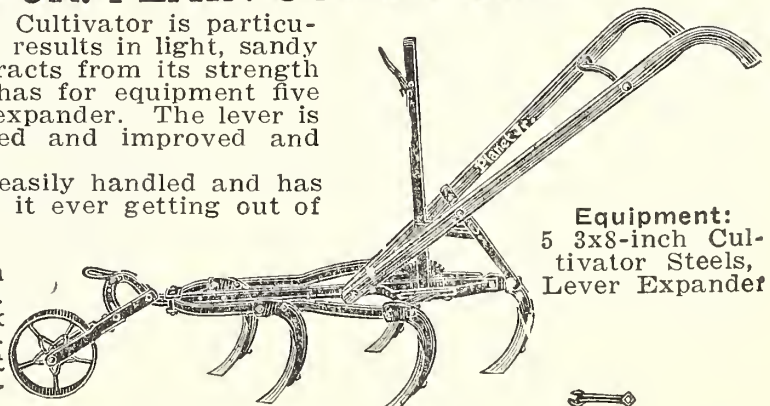
The No. 100 Series Planet Jr. Plain Cultivator is particularly designed to give the best possible results in light, sandy soils. Its light weight in no way detracts from its strength and wearing qualities. The No. 101 has for equipment five  $3 \times 8$ -inch cultivator steels and a lever expander. The lever is all steel, has recently been simplified and improved and works very easily.

The No. 101 is simple, strong and easily handled and has so few parts there is little danger of it ever getting out of order.

No. 101D same, less the wheel.

The No. 107 Planet Jr. Seven-Tooth Plain Cultivator same as the No. 101. It has seven standards which carry six  $2\frac{1}{4} \times 8$ -inch cultivator steels and one 4-inch cultivator steel, and naturally it does finer work than the 5-tooth cultivator.

No. 101. Price.....\$11.75 No. 101D. Price.....\$10.00 No. 107. Price.....\$13.50



**Equipment:**  
5  $3 \times 8$ -inch Cultivator Steels,  
Lever Expander



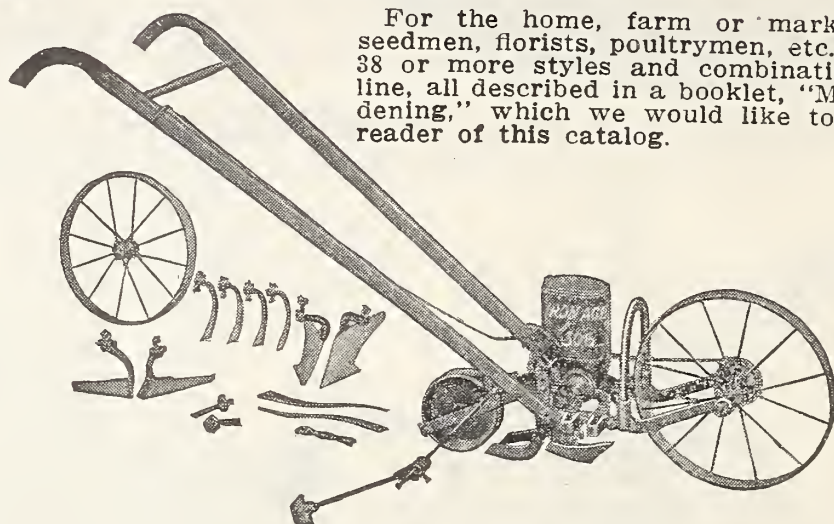
# **IRON AGE** GARDEN SEED DRILLS AND WHEEL HOES

For the home, farm or market garden; seedmen, florists, poultrymen, etc. There are 38 or more styles and combinations in this line, all described in a booklet, "Modern Gardening," which we would like to send each reader of this catalog.

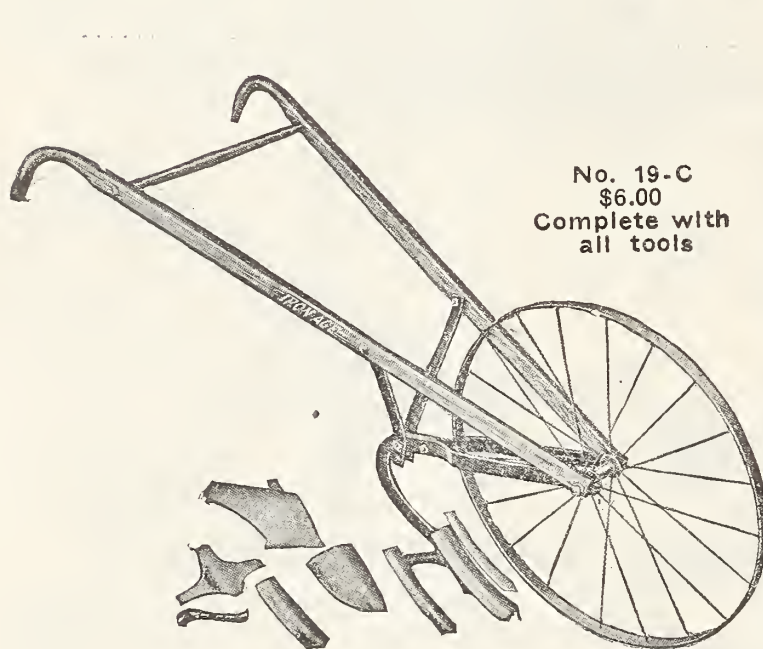
No. 306

Combined

\$21.00



No. 19-C  
\$6.00  
Complete with  
all tools



No. 303,  
With Side  
Hoes only.  
PRICE \$8.50

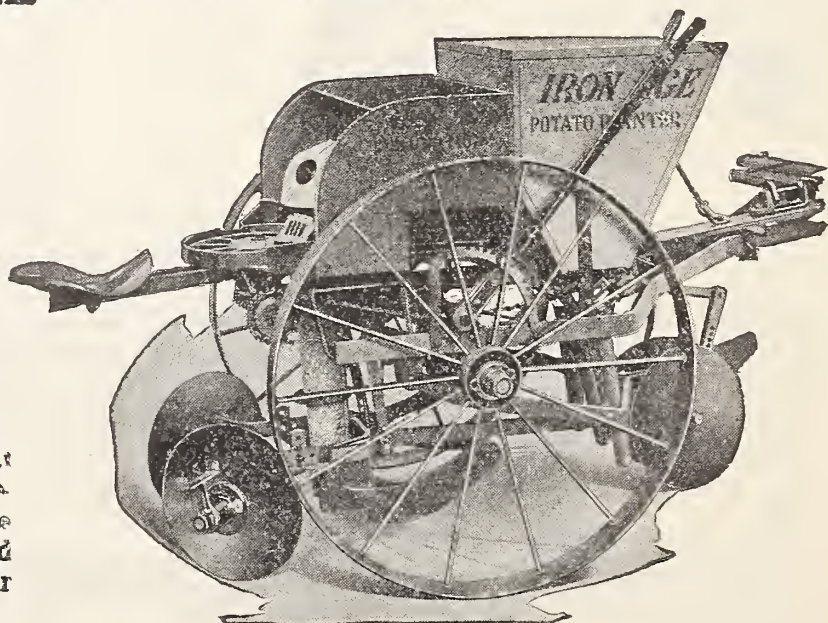
## **No. 19-C Wheel Cultivator and Plow**

Has extra high steel wheel—24 inches—which some seem to prefer. The frame is an all-steel arch in three parts—compact, light, durable. The working tools are attached in position easily and are adjustable. The plow is noted for turning a fine good furrow.

The cultivating tools include Land-side Plow, Scuffle Hoe, two separate Cultivator Teeth, Set of Cultivator Teeth on bracket.

# **IRON AGE** POTATO PLANTER

Plants one seed piece in every space and one only. Makes a perfect stand possible and saves at least one bushel of seed per acre. Straight rows, even depth and uniform spacing. Can plant 9 to 24 inches apart. Furnished with or without fertilizer distributor, regular or large size. Also, with seed box extension if wanted. Steel seed box. Steel frame. Choice of four styles of opening plows. The boy on the back seat pays, for it costs no more to prepare ground, cultivate, fertilize and spray a perfect stand, and every hill missed decreases your yield.



No. 404-R, \$150.00



## INSECTICIDES

**ARSENATE OF LEAD PASTE**, 1 lb. 50c; 5 lbs. \$1.75; 10 lbs. \$3.00; 25 lbs. \$6.50; 50 lbs. \$11.00; 100 lbs. \$17.00.

**APHIS PUNK**. Cans of 12 sheets, \$1.00.

**BLACK FLAG**, for fleas, flies, bedbugs, mosquitoes. 25c, 45c, 75c.

**BLACK LEAF 40**. A concentrated nicotine solution for aphids, thrips, and red spider. Dilute 1 oz. to from 3 to 6 gals of water. 1 oz. 35c; 1/2 lb. \$1.25; 2 lbs. \$3.50; 10 lbs. \$13.50.

**BORDEAUX MIXTURE**, powder, per lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.50.

**BUG DEATH**, 1 lb. 20c; 3 lbs. 50c; 5 lbs. 70c; 12 1/2 lbs. \$1.75; 100 lbs. \$9.50.

**CARBOLINIUM**, 1 or 2 gals. \$1.75 per gal.; 5 gals. \$1.50 gal.; 5 or 10 gals. \$1.35 gal.

**COOPER'S SHEEP DIP**, pkg. \$2.00.

**COPPER SULPHATE**, 1 lb. 15c.

**CUT WORM KILLER**, 1 lb. 30c; 5 lbs. \$1.25; 25 lbs. \$4.00.

**CYANOGEN** (Calcium Cyanide), for wood-chucks, rats, ants, moles, 5 lb. \$2.50.

**FISH OIL SOAP**, 1/2 lb. 20c; 1 lb. 35c; 2 lb. 60c; 5 lb. \$1.35.

**FISH OIL SOAP AND TOBACCO**, 1 lb. 30c; 5 lbs. \$1.25.

**GRAPE DUST**, 5 lbs. \$1.00; 10 lbs. \$2.00.

**GRAFTING WAX**, 1/4 lb. 15c; 1/2 lb. 25c; 1 lb. 45c.

**HELLEBORE**, 1/4 lb. 20c; 1/2 lb. 35c; 1 lb. 60c.

**LAMBERT'S DEATH-TO-LICE**, 30c, 60c and \$1.00.

**MELROSENE**. Remedy for killing full-grown rose bugs, 1/2 pt. 50c; 1 pt. \$1.00; 1 qt. \$1.75.

**NICO-FUME**, liquid, for spraying and vaporizing. 1/4 lb. 75c; 1 lb. \$2.25; 4 lbs. \$8.00; 8 lbs. \$15.00.

**NICO-FUME Tobacco Paper**, for fumigating. 24 sheets \$1.25; 144, \$5.50; 288, \$10.00.

**NICOTICIDE**, 1/2 pt. \$1.25; pint \$2.50.

**NICOTINE**, powder (Hall's), 2 1/2-lb. can \$2.50

**PARIS GREEN**, 1/4 lb. 20c; 1/2 lb. 30c; 1 lb. 55c.

**RAT CORN**. For rats and mice. Cans, 25c, 50c and \$1.00.

**SCALECIDE**, 1 qt. 65c; 1 gal. \$1.50; 5 gal. \$6.00.

**SEMESAN**, 2 oz. 60c, 4 oz. \$1.00, 8 oz. can \$1.60, 1 lb. can \$2.75, 5 lb. \$13.00.

**SLUG SHOT**, 1 lb. carton 20c; 5 lbs. 70c.

**SULPHO TOBACCO SOAP**, 10c and 20c.

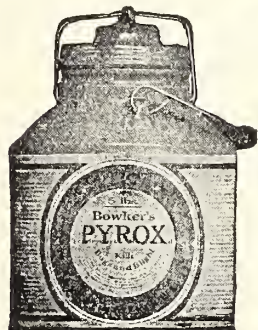
**STICKY BANDING**, 1 lb. 60c; 5 lbs. \$2.75.

**TANGLEFOOT**, 1 lb. 60c; 5 lbs. \$2.50; 10 lbs. \$3.00.

**TOBACCO DUST**, 15c lb.

**TOBACCO STEMS**, 1 lb. 5c; per bale, \$2.50 and \$3.00.

**WEED KILLER**, qt. 65c; 1/2 gal. \$1.00; 1 gal. \$1.75.



## PYROX—KILLS AND CURES

PYROX sticks like paint; kills all leaf-eating insects, and prevents disease on potatoes, fruit trees, shade trees, small fruits and vegetables.

PYROX (Bordeaux Arsenate of Lead, Paste). A combination of Bordeaux Mixture and Arsenate of Lead, forming thereby a remedy for fungus and leaf-eating insects. Use 1 lb. to from 5 to 10 gals. of water. 1 lb. 50c; 5 lbs. \$1.75; 10 lbs. \$3.00; 25 lbs. \$6.50; 50 lbs. \$11.00; 100 lbs. \$17.00; 300 lbs. \$48.00.

## ARSENATE OF LEAD POWDER

Arsenate of Lead. Powder. Superior to paste in that it does not deteriorate from standing. Use 1 to 1 1/2 lbs. to 50 gals. of water. 1/2 lb. 25c; 1 lb. 45c; 5 lbs. \$2.00; 10 lbs. \$3.50; 25 lbs. \$8.00.

## ARSENATE OF LEAD PASTE

For spraying trees and shrubs against leaf chewing insects, fruit flies, and codling moth. Contains 15 1/2 per cent Arsenic Oxide, mixes easily in water without clogging nozzle, sticks like paint. Dilute 1 lb. to 25 gallons. 1 lb. 50c; 5 lbs. \$1.75; 10 lbs. \$3.00; 25 lbs. \$6.50; 50 lbs. \$11.00; 100 lbs. \$17.00.

## LIME AND SULPHUR

**Lime Sulphur Solution**. The standard remedy for scale and for certain fungus. Use 1 part to 9 parts of water. Is not a poison and kills only by coming directly in contact with the insect. It's in concentrated solution, always ready for Fall, Winter and Spring use. 1 gal. 65c; 5 gal.

\$2.50; 10 gal. \$4.50. Barrel lots at special prices.

**Dry Lime-Sulphur**. Exactly like lime-sulphur. For Fall and Spring sprayings. Use 12 to 15 lbs. to 50 gallons water. Lb. 35c; 5 lbs. \$1.40; 10 lbs. \$2.40; 25 lbs. \$4.75; 50 lbs. \$8.00; 100 lbs. \$15.00.

## ANGLEWORM REMEDY

One teaspoonful Corrosive Sublimite in 3 gallons of water. Sprinkle on the ground affected by worms, which forces them out and then can be raked up. The best available remedy for ants. 1/4 lb. 35c; 1/2 lb. 50c.

## Special Prices to Fruit Growers on all Insecticides

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE



## Kills Plant Lice Every Time



### Hall's Nicotine Sulphate

For spraying fruit trees and truck crops. Kills plant lice and similar insects every time. Made up as a spray, it costs but 2c a gallon. 10 lb. tins, \$13.50; 2 lb. tins, \$3.50; 1/2 lb. tins, \$1.25; 1 oz. bottles, 35c.

### Hall's Nicotine Fumigator

For fumigating greenhouses. A powder saturated with Free Nicotine. Fumigates a 30 by 200 greenhouse for only 75c. 10 lb. tins, \$8.50; 2 1/2 lb. tins, \$2.50; 1 lb. tins, \$1.25.



### Hall's Free Nicotine



A liquid nicotine for greenhouse. Kills them by either spraying or vaporizing. It is FREE Nicotine—the quickest and deadliest form, the best for greenhouse use. 8 lb. tins, \$15.00; 2 lb. tins, \$4.25; 1/2 lb. tins \$1.40. No. 7—For Poultry....\$ 6.50 No. 20—Hand Power.. 14.00 crank ..... 29.00

## SLUG SHOT

It is a light, composite, impalpably fine powder, easily distributed by Duster, Bellows, or in water by spraying. It is thoroughly reliable in killing Currant Worms, Potato Bugs, Cabbages Worms, Lice, Slugs, Sow



Bugs, etc., and is also strongly impregnated with fungicides. Lb. 20c; 5 lb. 75c; 12 1/2 lb. \$1.50.

## Protexol or Carbolinium

Insecticide and Wood Preserver

1 gallon.....\$1.75  
5 gallons, per gal..... 1.50  
10 gallons, per gal..... 1.35  
Special prices for larger quantities.

## Remedy for Cut Worms on Cabbages and Tomatoes

Soak bran with Paris green and scatter same in the rows. This will destroy this troublesome pest.

## SULPHO-TOBACCO SOAP



Quickly exterminates all insect life on plants or flowers in and out of doors. Unsurpassed for rose bushes. For a cheap, effective, clean and harmless Insecticide this is unexcelled. It also acts as a valuable fertilizer reviving plant life. For domestic purposes it rids the house of cockroaches, and is a superior wash for dogs and all animals. Prevents poultry lice. You cannot afford to be without this popular and well known Insecticide, if you desire to be successful in plant culture. A trial will give highly gratifying results. 15c and 25c.

Sure cure for currant worms. Sprinkle Hellebore freely into the branches near the ground early—before berries are formed. This will save the fruit and annoyance of later application of Hellebore.

## ANNIA GERM

Kills Weevil in Peas, Beans, Corn and grain. Also worm and moth destroyer. Annia germ prevents moth and weevil getting into any kind of grain in the hottest weather and will save thousands of dollars in value for the users of this simplet but infallible remedy.

## BUG DEATH

Contains No Paris Green or Arsenic



This Insecticide has been on the market for over twenty years. While the first cost to kill the bugs on an acre of potatoes is rather more than the arsenical Insecticides, the extra yield of marketable potatoes has more than paid the entire expense. It is non-poisonous, which makes it perfectly safe to use on all plants or vines.

Put up in packages as follows:

1-lb. package.....\$ .20  
3-lb. package..... .50  
5-lb. package..... .70  
12 1/2-lb. package..... 1.75  
Dickey Bug Death Duster..... .50  
B-D Sifter..... .75

IT STICKS; IT STAYS; KILLS BUGS, AND PAYS

## To Destroy Ants in Hills, Etc.

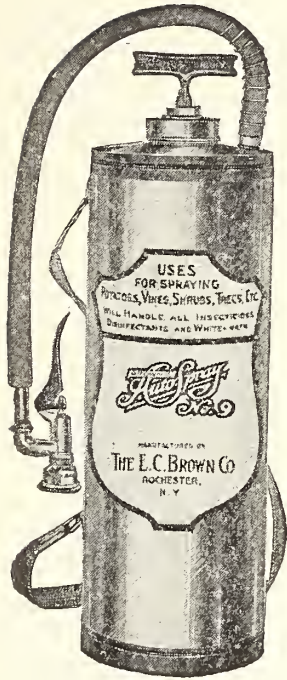
Inject bisulphate of carbon in the hills. This will destroy them promptly.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



## AUTO-SPRAY NO. 9

### Capacity About 3½ Gallons



Auto-Spray No. 9

This is the strongest and simplest compressed air sprayer on the market.

More than 300,000 are in use and it has never failed to please our trade during the years we have sold it.

It is used to spray vines, shrubs, trees, potatoes, also for applying disinfectants and whitewash in buildings.

It is made with galvanized or brass reservoir, as ordered. (We recommend the brass because not affected by strong chemicals.)

**GUARANTEE**—We agree to refund purchase price to any dissatisfied customer within ten days.

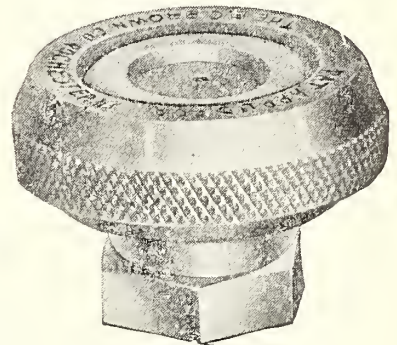
#### NET CASH PRICES

Auto-Spray No. 9-B, brass tank.....	\$9.50
Auto-Spray No. 9-D, galvanized tank.....	6.50
2-ft. Brass Extension for trees and low down work.....	.50
Brass Elbow to spray under side of leaves.....	.35
Brass Strainer for filling.....	1.20
Duster—Brown No. 2-B, pint .....	1.00
Duster—Brown No. 2-C, quart.....	1.25

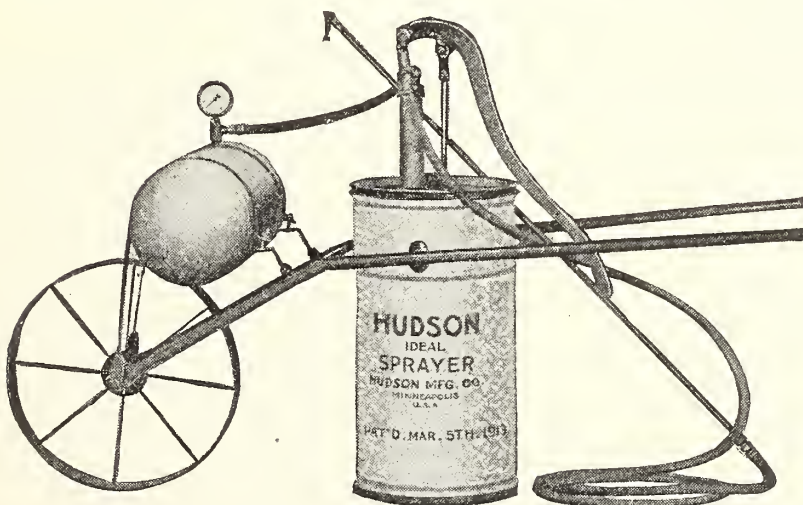
## NON-CLOG JR. ATOMIC NOZZLE

This nozzle is what the name implies, a nozzle that does not and cannot clog. It is made of brass and equipped with four spray discs with different size holes, which permits regulation of the quantity of solution applied. It has the standard ¼-inch thread.

Non-Clog Jr., straight or 45° angle.....75c

Non-Clog Junior  
Fig. No. 568-573

## HUDSON IDEAL SPRAYERS



The Ideal is a high pressure portable outfit. It is an exceptionally handy outfit for the orchardist or fruit grower. It is also a great favorite around the stock barns, cattle pens, poultry houses, etc., and is a practical outfit for whitewash, cold water paints, and other commercial purposes.

It is equipped with a regular barrel pump which develops and maintains a working pressure of 200 pounds. Tank is heavy gauge copper bearing galvanized sheet, reinforced with channel iron

hoops. Capacity, 15 gallons. Frame is heavy steel tubing with channel iron cross braces. Wheel is unusually large—20 inches diameter—with a broad 3-inch tire. Air pressure tank is heavy boiler iron with all seams welded. Discharge equipment consists of 12½ feet of ½-inch spray hose, an 8-foot iron pipe extension, brass leakless shut-off valve and Ideal angle spray nozzle.

No. 33 Ideal—complete as shown. Shipping weight, 100 pounds. Price each....\$38.50

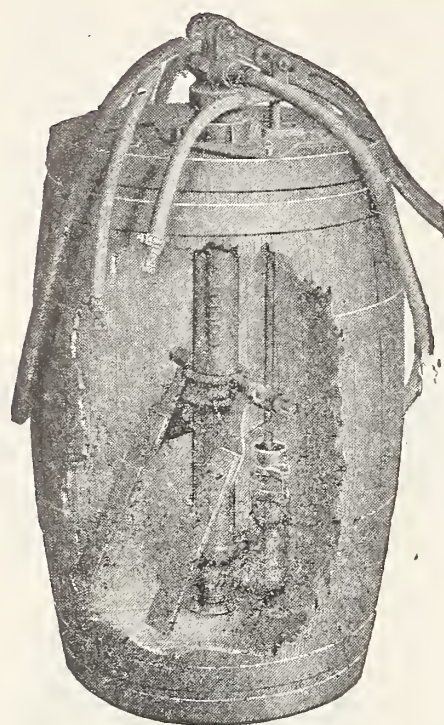
No. 32 Ideal—less pressure tank and gauge. Shipping weight, 80 pounds.

Price, each..... 27.50



# GOULDS HAND SPRAYERS

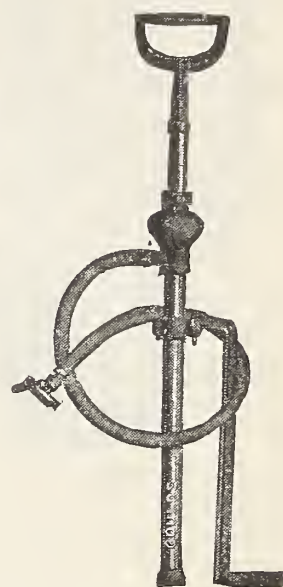
## POMONA—FRUITALL—BORDEAUX



Goulds' "Pomona"  
Barrel Sprayer



Goulds' "Fruitall"  
Barrel Sprayer



Goulds' "Bordeaux"  
Brass Bucket Sprayer

**The "Pomona"** is an extra high grade barrel sprayer with sufficient capacity to supply two leads of hose and four nozzles. The plunger, plunger connection, gland, valves, valve seats, and strainer body are solid bronze. The plunger is 2½ inches in diameter and is outside packed, so that it is not necessary to take the pump apart to re-pack it. The air chamber is extra large, 3 x 30 inches, making it easy to maintain high pressure. The agitator is operated by the pump lever and keeps the solution well mixed.

**The "Fruitall"** is a high grade barrel sprayer extremely simple in design. It conforms with the same general specifications as the "Pomona" but is of smaller capacity and lighter weight and consequently lower in price. It will supply one line of hose with two nozzles.

**The "Bordeaux"** is a brass pump for garden or greenhouse work. It is fitted with Brass Ball Valves which are proof against the action of acids and oils. Pump is intended to rest in pail, with Malleable Iron Foothold outside.

All of the above pumps are also suitable for handling Whitewash and Cold Water Paint.

Figure 1744, Outfit "C", which includes GOULDS Pomona Spray Pump, with Agitator, and (1) 15-foot length of ¾-inch discharge hose, with (1) Fig 1688 or 1691 Mistry Jr. Nozzle.....	\$28.00
Figure 1744, Outfit "D", which includes GOULDS Pomona Spray Pump, with Agitator, and (2) 15-foot lengths of ¾-inch discharge hose, with (2) Fig. 1688 or 1691 Mistry Jr. Nozzles.....	\$33.00
Figure 1188, Outfit "C", which includes GOULDS Fruitall Spray Pump, with Agitator, and (1) 15-foot length of ¾-inch discharge hose, with (1) Fig. 1688 or 1691 Mistry Jr. Nozzle.....	\$18.00
Figure 1188, Outfit "D", which includes GOULDS Fruitall Spray Pump, with Agitator, and (2) 15-foot lengths of ¾-inch discharge hose with (2) Fig. 1688 or 1691 Mistry Jr. Nozzles.....	\$24.00
Extra for Barrel, including mounting any of the above outfits in the end of it...	\$7.50
Figure 1129, "Bordeaux" Hand Sprayer.....	\$6.00

Prices subject to change without notice.



Inoculate Your Alfalfa, Clovers, Cow Peas, Soy Beans, Vetches and all other legume crops with

# Mulford Cultures

FOR LEGUMES

Small Cost                      Large Returns                      Easy to Use                      No Labor Expense

Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria, for inoculating seeds of legumes or soil.

Mulford Cultures are scientifically prepared and tested with the utmost care and skill. Enormous numbers of these very valuable and desirable bacteria are thus available to you in every package of Mulford Culture and may readily be applied to your seed. The sealed bottle insures purity.

Legumes offer the best-known means of maintaining soil fertility and rejuvenating over-cropped and worn-out fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton, corn and other non-legume crops.

The U. S. Department of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogen-fixing bacteria to induce a prompt "catch" and increase your yield.

Mulford Cultures are prepared for

ALFALFA	ALSIKE CLOVER	VETCH	LIMA BEANS
CRIMSON CLOVER	BURR CLOVER	VELVET BEANS	LESPEDEZA
SWEET CLOVER	COW PEAS	SWEET PEAS	BEGGAR WEED
RED CLOVER	SOY BEANS	GARDEN PEAS	and others
	PEANUTS	GARDEN BEANS	

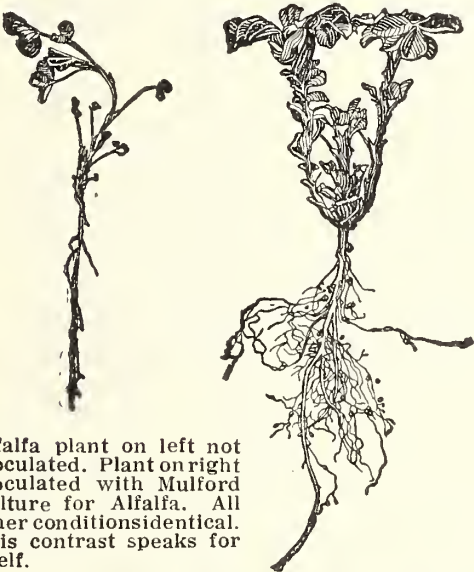
Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

PRICES: 5-Acre Size, \$5.00 (A Dollar per Acre)

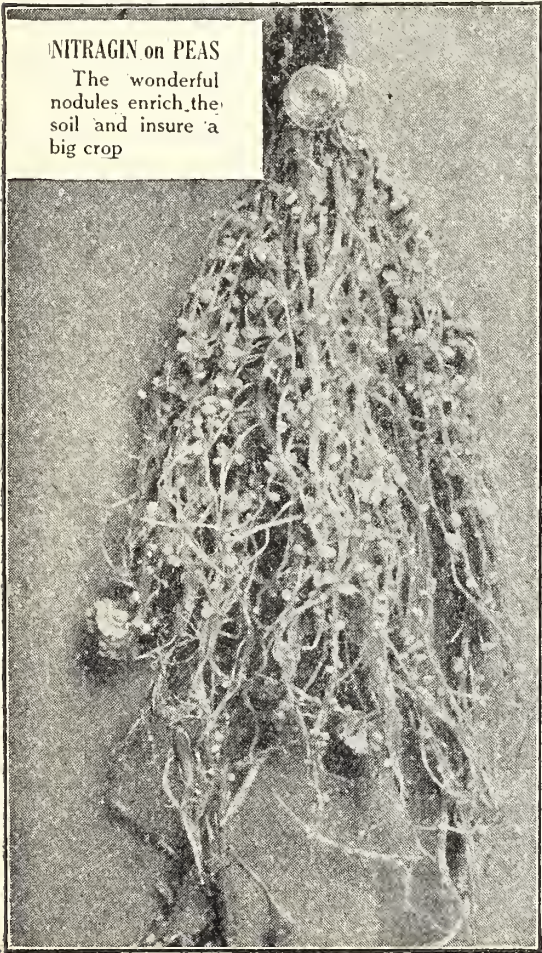
1-Acre Size . . . . .	\$1.50
1-4 Acre Size . . . . .	.75
Small Size (Supplied only in four varieties, for Garden Peas, Garden Beans, Lima Beans and Sweet Peas) . . . . .	.35

These prices include delivery on freight shipments.

FREE DESCRIPTIVE FOLDER SENT UPON REQUEST



Alfalfa plant on left not inoculated. Plant on right inoculated with Mulford Culture for Alfalfa. All other conditions identical. This contrast speaks for itself.



NITRAGIN on PEAS

The wonderful nodules enrich the soil and insure a big crop

# NITRAGIN

## A Great Price Reduction

to farmers growing Alfalfa, Soy Beans, Clovers and other legumes

Sold on Bushel Basis—Not Acre Sizes

This Means Nitragin Costs Less

PRICE

¼-bu. size, for 15 lbs. seed, 50c
½-bu. size, for 30 lbs. seed, 75c
1-bu. size, for 60 lbs. seed, \$1.25
5-bu. size, for 300 lbs. seed, \$5.00

SOLD IN TINS, NOT GLASS

It is safe and reliable. Easy to open and easy to mix with seed. Contents looks like a deep rich soil. Contains more nitrogen gathering germs by millions than any jelly culture. When ordering, always name the crop you want it for.

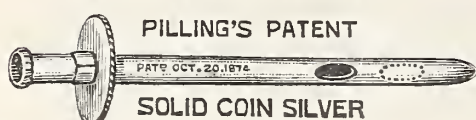
GUARANTEED FOR ONE YEAR. EXPIRATION DATE IS STAMPED ON EVERY PACKAGE.

THE NITRAGIN CO., Milwaukee, Wis.  
SPECIAL PRICE FOR LARGE LOTS



## MILKMEN AND DAIRY SUPPLIES.

### MILKING TUBES



Full directions with each tube. 35c to \$1.50 each.

The Boston Milking Tube, 35c.  
Teat Dilators, 15c each.

Strainer Pails.....	\$1.25 and 1.50
Sanitary Milk Pails.....	\$1.50 to \$3.50
Pint Dippers.....	.75
Quart Dipper.....	.90
Strainers .....	\$2.50 to 3.00
Tin Milk Pails.....	1.10
Tin Milk Pails, all sizes.....	.75c to 2.50
Sprinkling Pots, all sizes.....	.35c to 2.50
Excelsior Strainers.....	1.50
Aerators .....	\$10.00, \$12.00, 15.00
Sap Buckets.....	.30
Sap Spouts at.....	each 5c

### SCALES.

Dairy Scales \$4.00 to \$5.50. Platform Scales \$25.00 to \$50.00

### RICE'S CALF WEANER AND SUCKING COW MUZZLE.

For preventing Calves and Cows sucking themselves or each other.

No. 1—For Calves till 1 year old, 75c, by mail postpaid 80c.

No. 2—From 1 to 2 years old, 80c, by mail postpaid 85c.

No. 3—For full grown animals and self-suckers, 85c, by mail postpaid 90c.



### BARREL CHURNS.

No. 0— 4 gallon, will churn 2 gallons.....	\$ 7.00
No. 1—10 gallon, will churn 5 gallons.....	8.00
No. 2—15 gallon, will churn 8 gallons.....	9.00
No. 3—20 gallon, will churn 10 gallons.....	10.00
No. 4—25 gallon, will churn 12 gallons.....	13.00
No. 5—30 gallon, will churn 14 gallons.....	14.00

Oak Dash Churns, Stone Dash Churns, Butter Workers, Skimmers, Butter Carriers, Ladles, Richardson's Butter Color, Butter Prints, Floating Glass Thermometers, Dairy Thermometers, Cream Gauges, Babcock Butter Tester.



### MILK BOTTLES.

1 quart.....	85c per doz.
1 pint.....	65c per doz.
½ pint.....	55c per doz.

Special price in gross lots. See top of this page.

### MILK CAPS.

Per thousand.....	60c
5,000 for.....	\$2.50

## UNITED STATES CREAM SEPARATORS

No. 29, guaranteed capacity 300 lbs....	\$42.00
No. 28, guaranteed capacity 350 lbs....	60.00
No. 27, guaranteed capacity 500 lbs....	68.00
No. 25, guaranteed capacity 750 lbs..	\$ 85.00
No. 24, guaranteed capacity 1000 lbs..	97.00
No. 22, guaranteed capacity 1350 lbs..	150.00

### COWS' RELIEF

We offer this wonderful remedy and recommend it strongly.

O. H. Cows' Relief, large, per box.....	\$1.25
O. H. Cows' Relief, small, per box.....	.60
O. H. Cow Tone, large, per box.....	1.25
O. H. Cow Tone, small, per box.....	.60
O. H. Cow Tone, 25-pound box.....	5.00
O. H. Cow Tone, 50-pound box.....	8.50
O. H. Calves' Cordial, per box.....	.60

Kow Cure	Louse Chase
Rice's Calf Weaners	Scab Chase
Cow Remedy	Lice Powder
Worm Destroyer	

#### PRATT'S

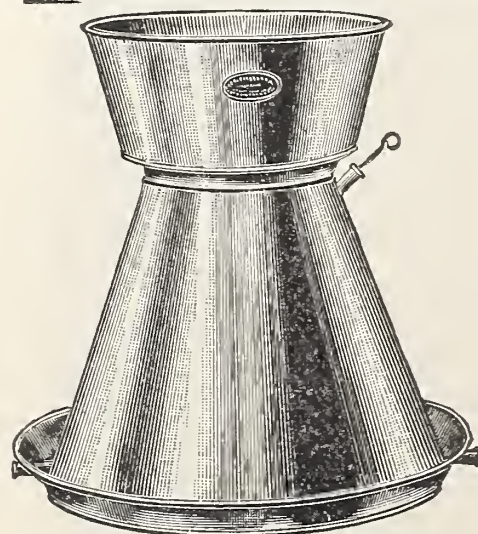
Animal Regulator  
Poultry Regulator  
Louse Killer  
Hog Tonic  
Cow Tonic  
Healing Ointment  
Colic Cure  
Heave Remedy  
Worm Remedy

#### DR. HESS'S

Healing Powder  
Worm Powder  
Heave Powder  
Dip and Disinfectant  
Poultry Pan-a-ce-a  
Louse Killer  
Stock Tonic

### CHAMPION MILK COOLER AERATOR

Automatic, Simple, Efficient, Durable.

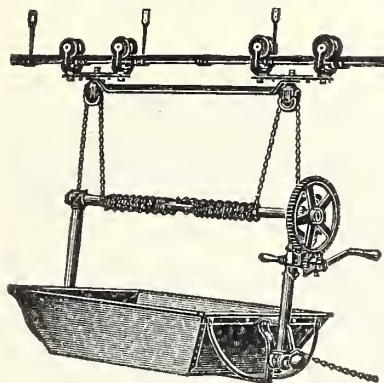


2—18 quarts, 10 to 25 cows, 3 milkers..	\$ 7.00
3—34 quarts, 25 to 50 cows, 5 milkers..	8.50
4—52 quarts, 50 to 100 cows, 8 milkers..	11.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



## "THE NEW GLOR" LITTER AND FEED CARRIERS



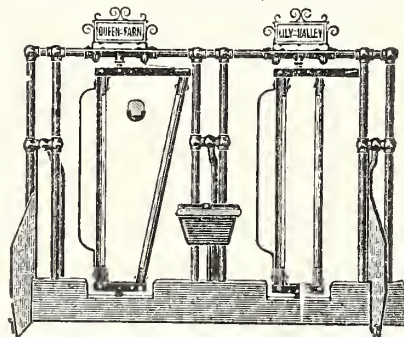
**New Modern Sanitary Stalls and Stanchions** are the most practical and up-to-date time, money and labor saving fixtures on the market. Should be in every stable. Soon pay for themselves. All our goods are made of the very best material by workmen who take pride in their work. With ordinary usage they will last a life time. Carriers equipped with Crank and endless chain life.

### "NEW MODERN" BARN EQUIPMENT

Sanitary Steel Stalls; Wood and Steel Stanchions, Chain or Swivel Hung; Water Basins with Covers, Stable Ventilators, Partitions, Bull and Calf Pens, Adjustable Steel Gates, Manger also Testing Stalls.

#### Some Patrons Say:

"Shall install in other buildings."  
"Most labor-saving machine on the farm."  
"See none other I like so well."  
"Don't see how we got along without it."

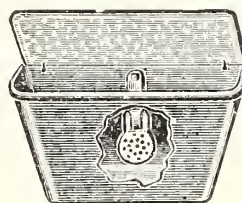


### Crumb Stanchion

Saving of time and cow-comfort mean bigger profits. Know that your cows are held securely without annoyance to you or them—in new Modern Wood Stanchion, chain hung. Latch holds stanchion in position when open. Perfect freedom of head.

Let us send you free catalog on our Stanchions, Litter and Feed Carriers, Water Basins and other "New Modern" stable equipment.

### "New Modern" Watering Basin



All dairymen say that cows supplied with fresh water give 5 to 10 per cent more milk. Therefore our watering device (Basins, Pipe Line and Float Tank) is a Profitable Investment. Made of cast iron with round corners and smoothed bottom. Galvanized Iron Cover. Thoroughly coated. Our "New Modern" Swing Stanchion, with our watering device is the most up-to-date outfit on the market. Write for Free Catalog.

## WEST BEND AUTOMATIC

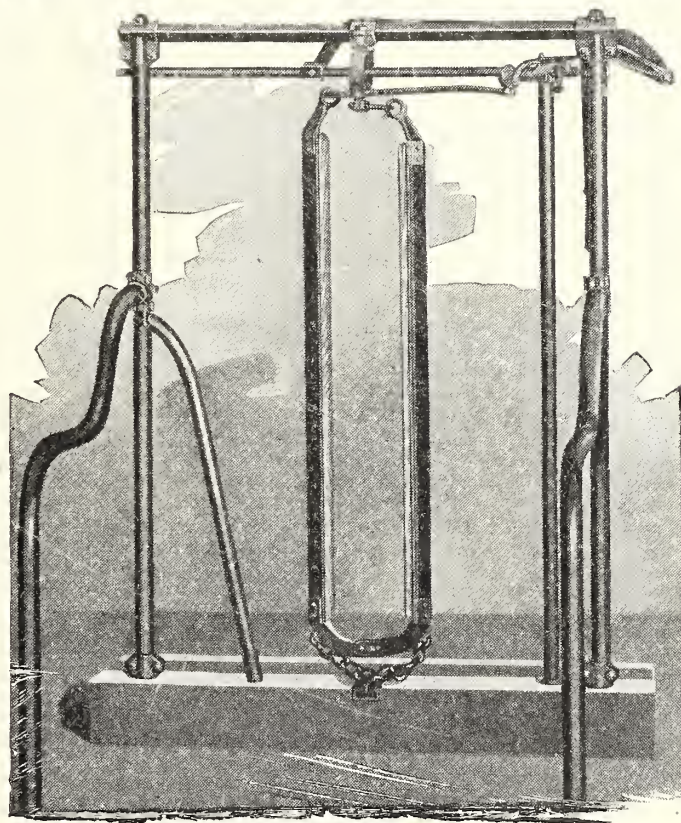
### STALLS

Our Expert Will Call and Make Plans and Diagrams of Your Stable Fixtures Without Cost

Automatic and Gravity Water Buckets

Steel Posts

Horse, Cattle and Hog Barn Equipment



### STANCHIONS

New Modern West Bend Line

Automatic Swinging Stanchions

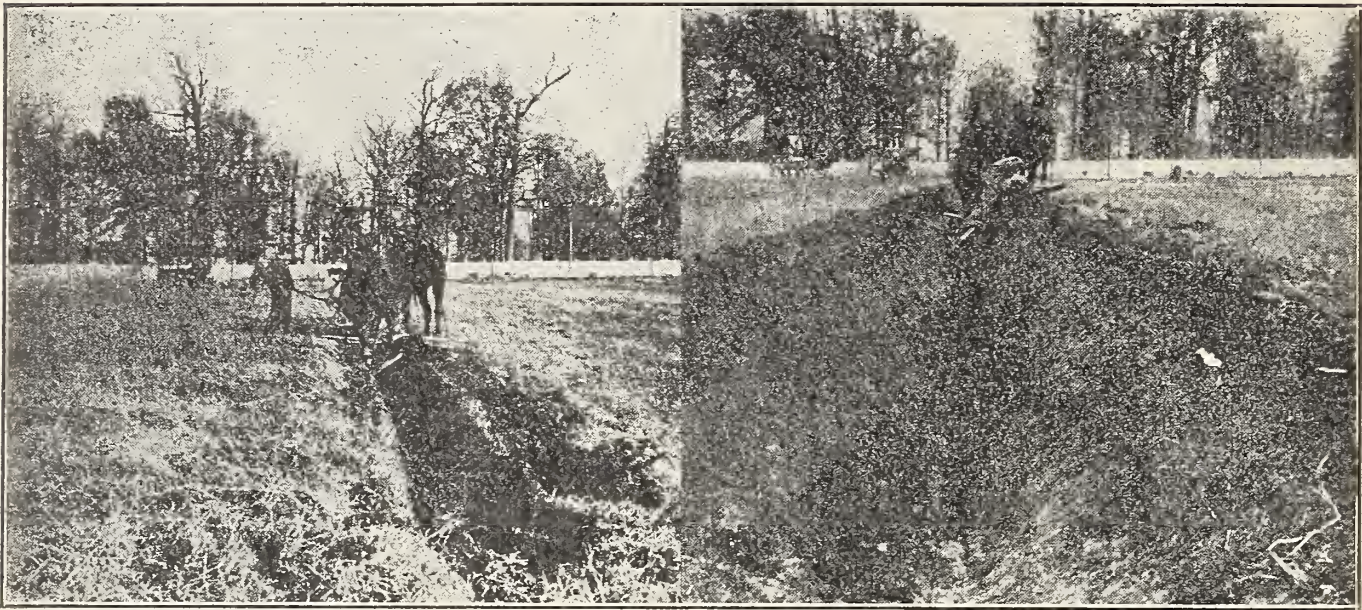
Individually Operated Stanchions

Automatic Litter Carrier and Feed Carriers Ventilators



# OWENSBORO DITCHER AND GRADER

When the MARTIN starts work, crop failures cease to be. They do not occur on land that is properly drained



The MARTIN making its first trip in the furrow

The MARTIN completing the ditch

PLEASE NOTE that the two pictures above show the evolution of a ditch as made with a MARTIN Ditcher and Grader. Also note the saw-grass, and the wet clay soil in which this ditch was made. There was not a shovel within a half-mile of the job, and the plow was used for the starting furrow only.

## MARTIN DITCHERS AND GRADER

A MODERN MIRACLE IN

Ditching  
Irrigation  
Tiling

Road Work  
Orchard Work

Snow Work  
Terracing

Does the work of one hundred men and much better

Makes wet lands produce crops better than your best acres. It's only a horse and tractor power that does it. No hand labor. Ditching old or new is simple and cheap with a MARTIN DITCHER. A century of loss may be recovered in a few days and made permanently valuable.

See us for full particulars. Big money to any man of energy. A book free fully illustrated, full of wonderful facts.

### MARTIN DITCHERS

Are in Use in Every Country in the World Wherever Ditching, Teracing or Grading Is Done.

### BUILT FOR HORSE OR TRACTOR

"NO SOIL TOO TOUGH"

Model	PRICE LIST	
20	2 to 4 horses or tractor, wt. 379 lbs.....	\$80.00
20A	7 ft. cutting blade, 4 to 6 horses or tractor, weight 422 lbs. ....	95.00
20B	2 to 3 horses or tractor, wt. 331 lbs.....	75.00
25BF	Equipped for Fordson Tractor .....	75.00
20X	Jr., for 2 light horses, wt. 218 lbs.....	60.00
40	Standard, 2 to 4 horses or tractor, wt. 445 lbs.	90.00
40A	7 ft. cutting blade, 4 to 6 horses or tractor, weight 490 lbs.....	100.00
	Seats are extra for any model, wt. 15 lbs.....	3.75
	Road Drag and Snow Blade for any model extra, 80 lbs.....	12.00

### THE END OF THE SNOW PEST

No matter whether you live in town or in the country, you know what a pest a really heavy snow can become. After a heavy fall of the so-called "beautiful snow" the paths are all buried, the stock is snowed in, the wife has to wade through heavy drifts to the wood shed or the pump, and you yourself have to put in hours of valuable time shoveling the snow away.

The MARTIN will put a stop to all this. Hitch one or two horses to it and start. It rolls away the heaviest snow like cutting white bread with a sharp knife.

Hundreds of MARTINS are used for this purpose in the northern states during the winter. Many towns and corporations have purchased MARTINS to be used for no other purpose.

"Good machinery makes a good farmer better"



# FERTILIZERS

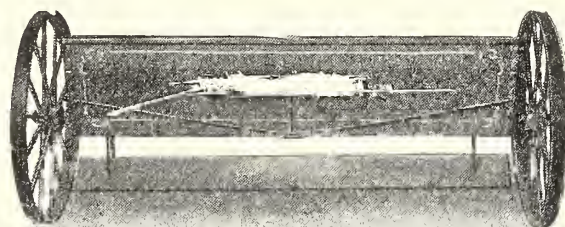
	Analysis	Ton
Sheep Fertilizer .....		\$48.00
Utica Ground Bone Lawn and Garden.....		45.00
Oats, Barley, Wheat, Corn.....	2-9-3	42.00
Corn and Grains .....	1-9-4	38.00
Corn and Grain.....	2-9-3	43.00
Onions, Celery, Potatoes.....	2-8-10	52.00
Potatoes and Vegetables.....	4-8-4	53.00
Potato Grower.....	5-8-7	63.00
Acid Phosphate .....	16%	30.00
Kainit .....		27.00
Nitrate of Soda.....		95.00

A Liberal Discount to Cash Customers

## SALT LIME AND FERTILIZER BROADCASTERS

These Broadcasters will sow Lime, Salt, Plaster and Ashes; they also handle perfectly all kinds of fertilizers and other soil beneficials. All soil can be made more productive either by the application of some form of Lime to neutralize the free acid therein, or by the application of some other alkaline or in some cases an acid element to complete the neutral condition.

Our Broadcasters are strong machines. Box rooms about ten bushels. Force feed is attached directly on the main drive axle. No gears to freeze, strip or break. Ratchet wheels. Quantity can be changed instantly by one lever in center of hopper. Price \$40.00 to \$45.00.





**SAL VET**

TRADE MARK

REG. U.S. PAT. OFF.

is a medicated salt—different from all other worm remedies. Safe, sure to kill worms, tones up your stock, helps turn food into fat and flesh quickly, puts animals in prime condition to get top-market prices. Commence getting rid of robber worms today. Use Sal-Vet—costs but 1-12 cent per day, per hog or sheep.

**FOR SALE BY**

**F. H. Ebeling**

10-lb. package.....\$1.00  
25-lb. drum.....2.25  
50-lb. drum.....4.00

5-lb. Pkg. 70c.  
Each 100-lb. keg.....\$ 6.75  
Each 200-lb. bbl.....12.00  
Each 300-lb. bbl.....16.00

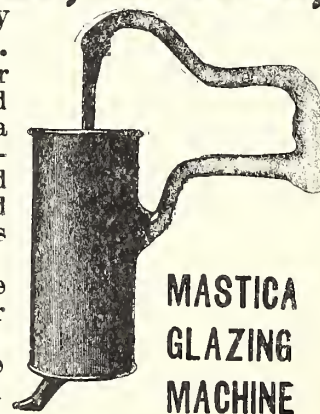
## MASTICA FOR GLAZING GREENHOUSES, SASHES, Etc., new and old. It is elastic, adhesive and easily applied. It is not affected by dampness, heat or cold.

Every green house man has experienced difficulty in using putty for glazing, that is satisfactory for any length of time. Putty is not adapted for greenhouse work. "Mastica," when applied, in a few hours forms a skin or film on the entire mass, hermetically sealing the substance, and preventing the evaporation of the liquids, and remains in a soft, pliable and elastic condition for years. "Mastica" is of great value in going over old houses with a putty bulb or machine on the outside of sash, as it makes it perfectly tight and saves the expense of re-laying the glass.

The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. With "Mastica" you can bed in or use outside with machine.

Broken glass can be easily removed and replaced by new without the breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side.)

Price of Mastica  $\frac{1}{4}$  gal. 75c,  $\frac{1}{2}$  gal. \$1.45, gal. \$2.75.

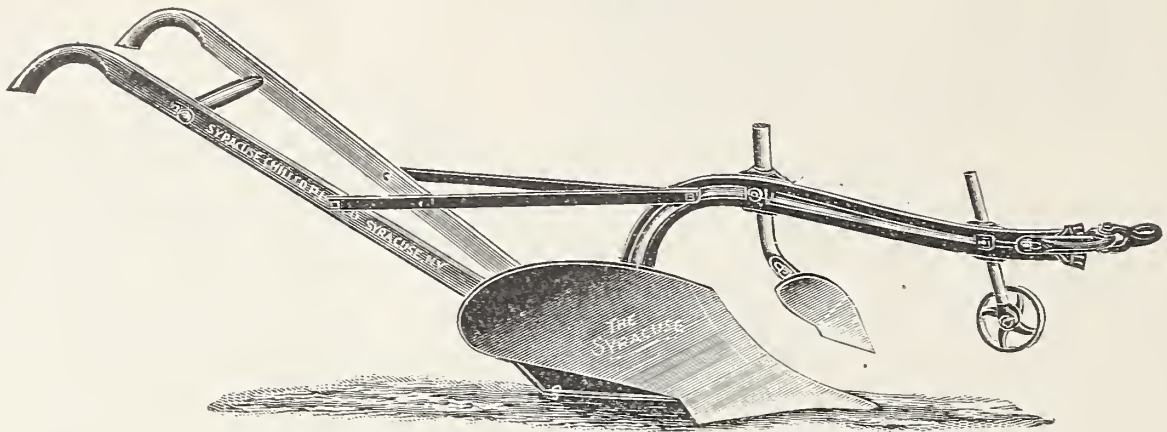


**PRICE \$3.50.**



## SYRACUSE CHILLED PLOWS

### Steel Beam



Made in Three Sizes—Nos. 401, 402 and 403

Syracuse chilled plows are regarded as the highest-grade chilled plows made. They are steady running, easily handled and have superior turning qualities.

With the detachable shin piece—a sharp cutting edge easily can be maintained at small cost.

These are the plows with the perfect fitting shares—and extra Syracuse shares always fit.

No. 401 cuts furrow 12 to 15 inches wide, 5 to 8 inches deep.	Price.....	\$28.00
No. 402 cuts furrow 11 to 13 inches wide, 5 to 7 inches deep.	Price.....	27.00
No. 403 cuts furrow 9 to 12 inches wide, 4 to 6 inches deep.	Price.....	26.00

## MUNNSVILLE PLOWS

### No. 10, All Steel Plow—"The Big Seller"

This Plow is long on the run with a high moldboard, of a shape that insures easy draft, good cleaning qualities and pleasing appearance. Price \$26.00.

No. 1—Wood Beam Chilled Plow, \$25.00.

No. 2½—Wood Beam One-horse Plow, \$16.00.

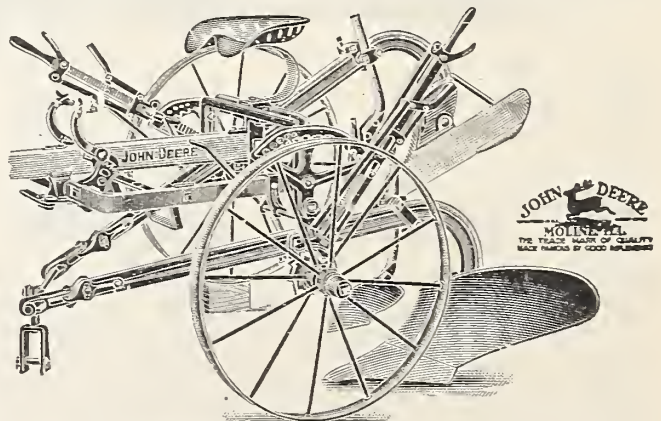
## DUTTON STEEL AND CHILLED PLOWS

### The Best Low-Priced Plow on the Market

Dutton Iron Beam No. 2.....	\$24.00
Dutton Steel Beam No. 2.....	\$26.00

## JOHN DEERE TWO-WAY SULKY PLOW

Just the plow you need for work on hill-sides as well as on level fields and in stony land. Wide tread prevents tipping. Each bottom is independent of the other, with separate depth adjusting lever and lifting device. Horse lift. Patented automatic foot frame shift makes it easy to regulate width of furrow and plow around curves. Clevis is always ahead of the working bottom. Adjustable jointers, with no hole through the beam to weaken it. Your choice of four types of bottoms. Price, \$110.00.



## JOHN DEERE NO. 5 TRACTOR PLOW NO. 1441

For use with any standard tractor—the hitch is easily adjustable. Furnished with either two or three bottoms. High and level power lift—a simple raising and lowering device operated by a rope from the tractor. Self-locking rear wheels makes it possible to back the plow. All steel and malleable construction; beams are guaranteed not to bend or break; plenty of clearance under the beams. Equipped with John Deere bottoms especially adapted to our local conditions, also the famous John Deere quick-detachable shares.

PRICE \$155.00. CHILLED STEEL \$160.00.



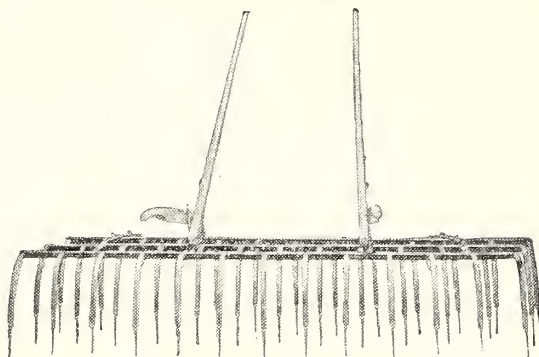
**ROUND - POINT, SPRING -TOOTH WEEDER**

**FOR EARLY CULTIVATION  
FOR SHALLOW CULTIVATION  
FOR PERFECT CULTIVATION**

This weeder has thirty-nine round-point spring teeth, arranged in three lines and securely fastened to angle steel bars. It is 7½ feet wide and gives perfect results in operation. Handles and thills are adjustable for height.

This tool is worked on the row and between the plants. Does not hurt young plants, such as corn and potatoes, it can be run in any direction over the field. Takes out the small weeds and forms a dust mulch close up to the plants, insuring strong, healthy, vigorous start.

39 teeth.....Price \$16.00



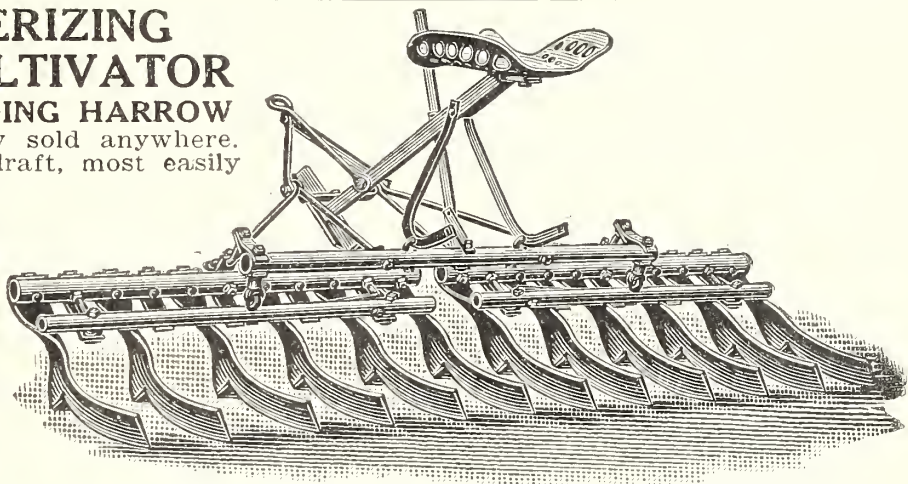
**ACME PULVERIZING  
HARROW and CULTIVATOR  
STANDARD 2-ROW RIDING HARROW**

Lightest Riding Harrow sold anywhere.  
Low in price, light in draft, most easily handled.

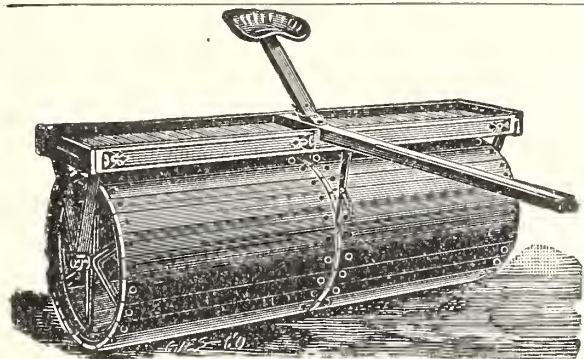
Cuts, crushes, turns,  
smooths and levels, all  
in one operation.

6 ft. 6 in. Two Horse.  
Each

For One Horse, cuts  
3 ft. .... \$16.00  
For One Horse, cuts  
4 ft. 4 in. .... 25.00  
For Two Horses,  
cuts 6 ft. 6 in. .... 30.00  
For Two Horses,  
cuts 8 ft. 6 in. .... 38.00

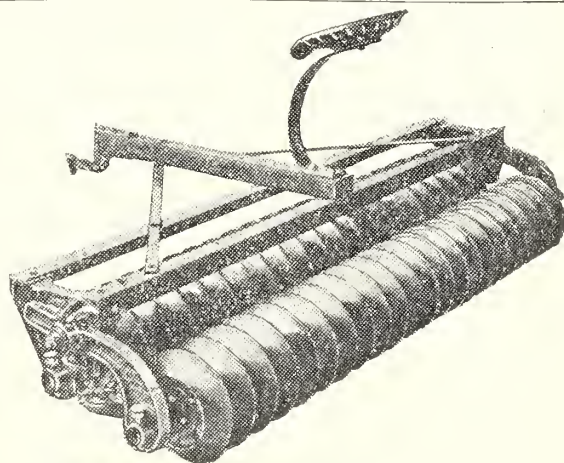
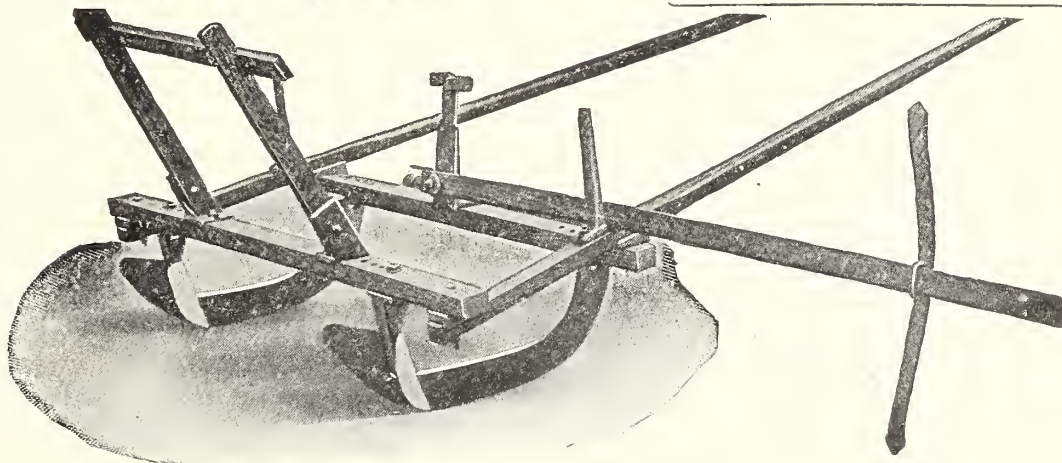
**LAND ROLLERS**

Steel Roller, 24-inch, two sections.....\$48.00  
24-inch, two sections, steel..... 48.00  
Wood Stave Roller, two section..... 48.00



**PULVERIZER  
BRILLION ROLLER AND RIDGING ROLLER  
COMBINED**

Made in several sizes and prices. Worth a dozen rollers. Ask any western farmer what he thinks of it.

**THE IMPROVED THREE-ROW CORN MARKER**

This cut shows our Steel Wing Marker. It is adjustable to mark any width row and any depth desired.

Two-Row Marker for one horse, \$14.00

Three-Row Marker for two horses, \$17.00



# Clark

## "CUTAWAY"

### DOUBLE ACTION DISC HARROW

The farmer who realizes the importance of stirring and pulverizing the soil so that the sun and air and moisture can reach every particle is the man to whom the CLARK'S CUTAWAY Double Action—the original double action—means something more than just a disk harrow. No other disk harrow of any make or style even approaches the CLARK'S CUTAWAY Double Action for pulverizing the soil, for saving time, for saving horses, for giving long service. Its superiority for pulverizing the soil and giving long service has seldom been questioned.

Once going over is equal to four times with a Single Disk Harrow. It's a wonder in making a perfect seed bed.

A-4 Double Action Cutaway, 2-horse hitch.....	\$ 70.00
A-5 Double Action Cutaway, 4-horse hitch.....	80.00
A-6 Double Action Cutaway, 4-horse hitch.....	90.00
Bush and Bog Plow.....	100.00
Clark's Grove Harrow, 10—14 disks.....	30.00



### MASTERS RAPID PLANT SETTER

A wonderful labor saving tool for transplanting Cabbage, Tobacco, Tomato, Sweet Potato, Cauliflower, Egg-Plant, Strawberry and all similar plants.

This Setter was originally designed to set cabbage plants, but has since been used with great success for many other plants.

Each plant is SET, WATERED and COVERED in one operation. The roots are firmly set by the absorption of the water almost as if they had grown there and every plant will grow even in the hottest, driest weather. You can set your plants just when you are ready regardless of the weather.

### A Labor Saver

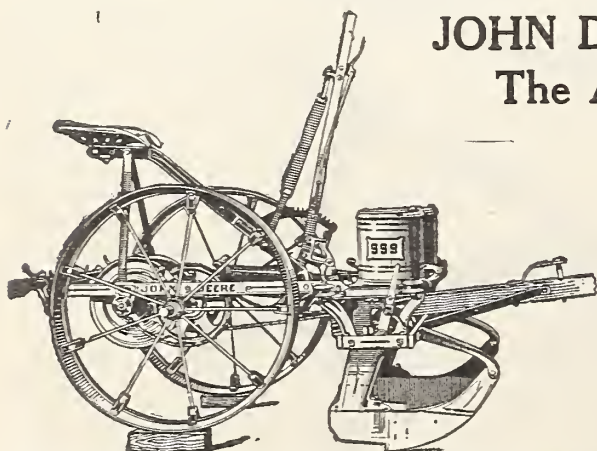
To operate this Setter you walk along in an upright comfortable position. There is no stooping or lame backs. All of the hard labor of setting plants is done away with. It is easy pleasant work. You can set 8000 to 15000 plants per day and do perfect work. This is more than three times as fast as hand setting. You actually do more in one day than three men can do by hand so that this Setter will pay for itself every day it is used.

It is the ideal tool for gardeners and should be in the hands of every farmer who has plants to set out. It is now recommended by most of the leading Agricultural Colleges over all other methods of transplanting. Is strongly built and will last for years.

Price \$6.50 each.

**SATISFACTION GUARANTEED OR YOUR MONEY BACK**

Send for Special Circular



### JOHN DEERE No. 999 CORN PLANTER

#### The Accurate "Natural Drop" Planter

Field tests under varying conditions have proved conclusively that the John Deere No. 999 Planter is accurate. It is equipped with John Deere Natural Cell Fill, edge-delivery seed plates, so shaped that one kernel enters each cell without fail and the desired number is dropped in the hill. Change in drop to 2, 3 or 4 kernels per hill can be made instantly without stopping the team, and drill distances can be varied just as easily. Quick change hilling to drilling and back to hilling. Ask us to show you the entirely enclosed gear arrangement, and the convenient underhung reel. Fertilizer or pea attachment, or both, can be furnished for

use and both can be operated at the same time corn is planted. Special plates for a great variety of seeds. Price \$115.00 complete. Less Fertilizer attachment, \$90.00.

**ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE**

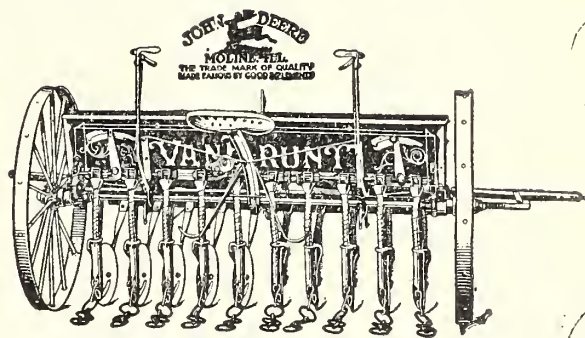


## Van Brunt Double Disc Drill

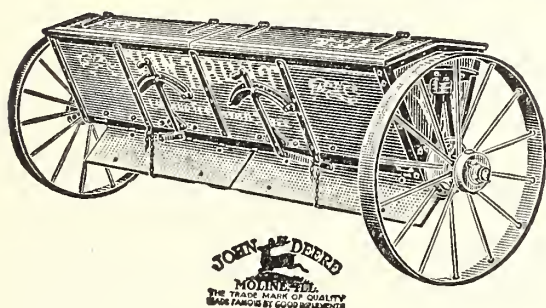
For more than half a century the name Van Brunt has stood for the best in drill construction. Van Brunt Drills have been the leaders. From the first, all effort has been two-fold—first, to make a perfect seeding machine, and, second, to construct that machine so as to give long life and constant service. Van Brunt Drills today fulfill this ideal.

### ADJUSTABLE FORCE FEED

For uniform and successful planting, the feed on a drill must be a positive and absolute force feed that will plant any seed in even quantities at all times.



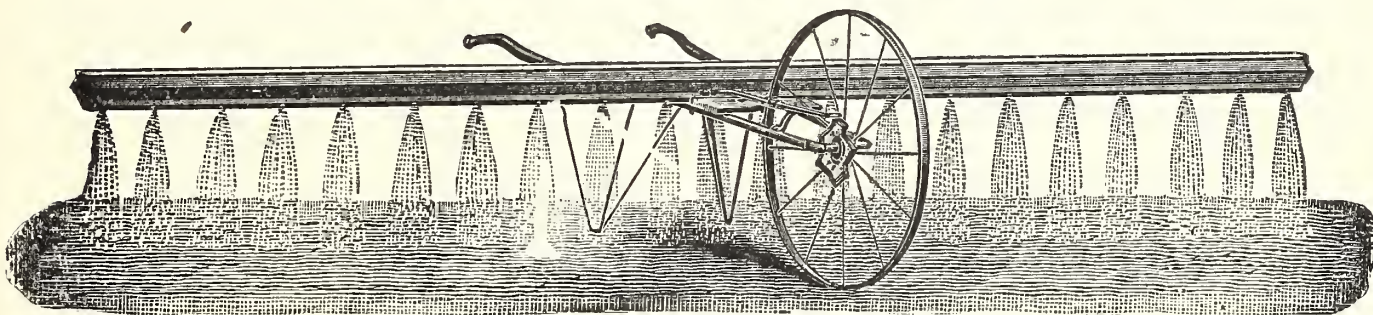
## SALT LIME AND FERTILIZER BROADCASTERS



These Broadcasters are constructed principally to sow Lime; they also handle perfectly all kinds of fertilizers and other soil beneficiaries. All soil can be made more productive either by the application of some form of Lime to neutralize the free acid therein.

Van Brunt Broadcasters are strong machines. Box rooms ten bushels. Force feed is attached directly on the main drive axle. No gears to freeze, strip or break. Ratchet wheels. Quantity can be changed instantly by one lever in center of hopper.

## WHEELBARROW SEEDERS



### WITH WOOD OR IRON FRAME.

They can be worked by anyone who can run a wheelbarrow,

Price, 14-foot, \$13.00; 16-foot, \$15.00

## Bargains in Tools and Implements

We offer at an especially low price the following list of tools and implements—every one of which is a genuine bargain and can be seen at our warehouse. Some of these have been somewhat used.

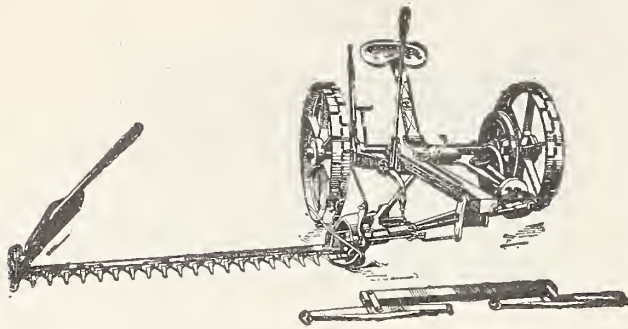
- |   |   |
|---|---|
| 1 3-horse Gas Engine                                  | 1 Sod Cutter  |
| 1 Renfrew Portable Weighing Scale on wheels. \$55.00. | 1 Ohio Disc Tractor   |
| 2 Barrel Spray Pumps                                  | 1 60-gallon Gasoline Tank, Galvanized Iron  |
| 1 Hoosier 2-horse Corn Planter (used once)            | 1 Webber Fanning Mill, second-hand  |
| 1 Perry Spring Tooth Harrow (Wood frame)              | 1 Darnell Furrower and Marker, \$22.00. This is a splendid labor saving tool. Will pay for itself in 2 years. |
| 1 Clarks Cutaway Harrow A-6                           | 6 Galvanized Hog Troughs  |
| 17 Hamilton Galvanized Coops                          | 1 Hoosier Corn Planter  |
| 1 Champion Weeder                                     | 1 Portable Platform Scales, 1 lb. to 2000 lbs., \$55.00   |
| 1 Steel Disc Smoothing Harrow                         | 1 No. 3 Hurst Sprayer, \$35.00  |
| 1 Ford Power Attachment                               | 1 No. 4 Hurst Sprayer, \$40.00  |
|   | 1 Bullard Tedder, 6-fork  |
|   | 300 feet Chain Ladder at a bargain. Last a hundred years. Never wear out.                                     |

We offer a quantity of Union Lock Fencing, 2 and 3 feet wide, at a bargain.

**"GOOD MACHINERY MAKES A GOOD FARMER BETTER"**



ASK FOR SPECIAL PRICES ON FARM TOOLS  
**DAIN VERTICAL LIFT MOWER**



feature.

When the cutter bar sags back, which will happen on any machine, it is very easily brought forward by simply taking out a cotter key and tightening the large burr on the end of the drag bar the cutter bar can be drawn forward, fully compensating the wear.

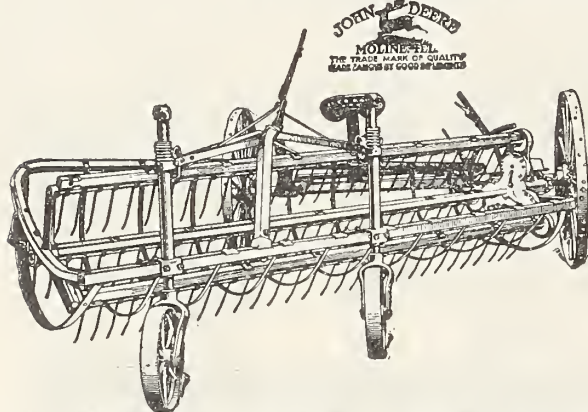
Made in 4½, 5 and 6 foot sizes.

The only successful vertical lift Mower on the market. The main frame is one solid, unyielding piece of iron. This insures perfect meshing of the gears and holds all parts securely in place. The gears are compensated, that is, the side thrust of the bevel wheel is resisted by the pressure on the spur pinion. One counteracts the other, equalizing the wear and strain upon the bearings. The arrangement of these gears is unique and there is less wear on this part of the Dain Mower than on the same parts on any other machine built.

The draft rod makes possible the transferring of the power further toward the cutter bar when mowing heavy grass. This is a valuable

**JOHN DEERE-DAIN SYSTEM RAKE**

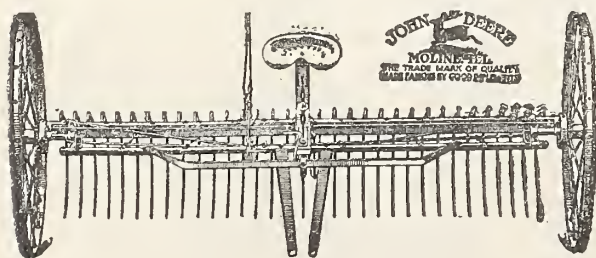
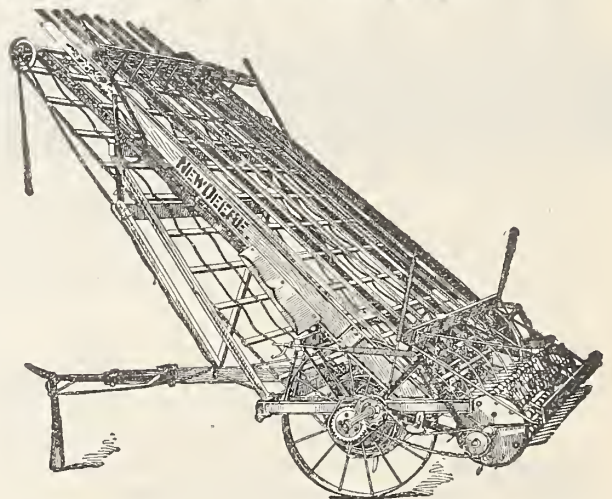
THE RAKE WITH THE INCLINED FRAME, VERTICAL LIFT AND CONVENIENT LEVERS



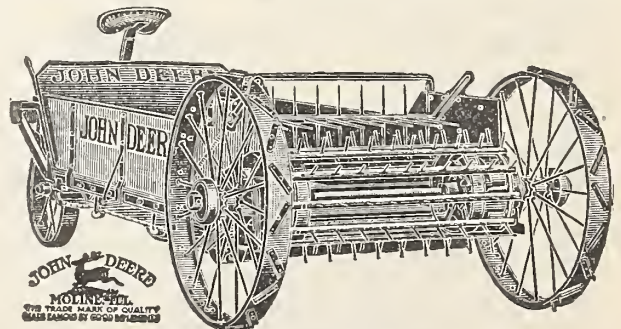
The rake that enables you to make higher-price hay by curing it "Nature's Way"—air-curing it. With this rake you can follow the mower closely, rake while leaves are still active; place the hay on clean stubble in medium size, loose windrows, the leaves inside and majority of the stems outside to prevent sun scorching and preserve the leaves. In case of bad weather, windrows can be turned over to prevent damage to the hay. Inclined frame gives additional capacity just where needed; vertical lift—both ends of rake can be adjusted to gather all the way on uneven ground; convenient levers—add adjustments can be made from the seat.

**NEW DEERE DOUBLE CYLINDER HAY LOADER**

The New Deere Double Cylinder Hay Loader successfully handles anything from the lightest swath to the heaviest window. The rear or gathering cylinder is far enough back of the frame to get all the hay, but still leave the trash. This cylinder moves slowly, thereby handling the hay without damaging the foliage. This feature also makes it valuable in handling beans. Because all parts move slowly the loader is light draft and durable. The wheelbarrow type of mount whereby the load is carried directly over the wheels is an exclusive feature and prevents sagging of the axle. The carrier is prevented from running off the rollers by means of a flange and an adjustable bracket prevents sagging. Long life and ease of operation is assured in using this loader. Furnished in 6 and 8 foot widths. All repair parts supplied promptly.



John Deere Self Dump Steel Horse Rake, made in 8, 9, 10 and 12-ft. 20 to 40 teeth. Ask for prices.

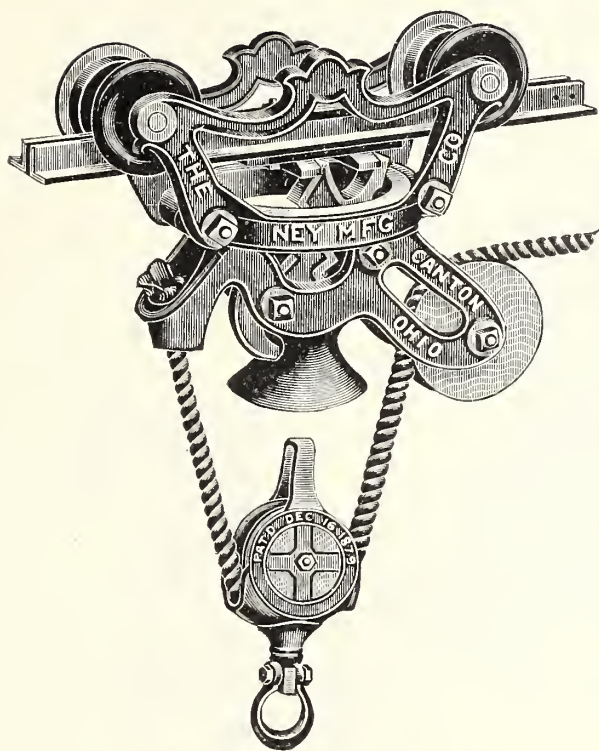


**MANURE SPREADERS**

John Deere Low Down Steel Frame only. Spreader with Beater on the axle. Ask for prices.

"Good machinery makes a good farmer better"

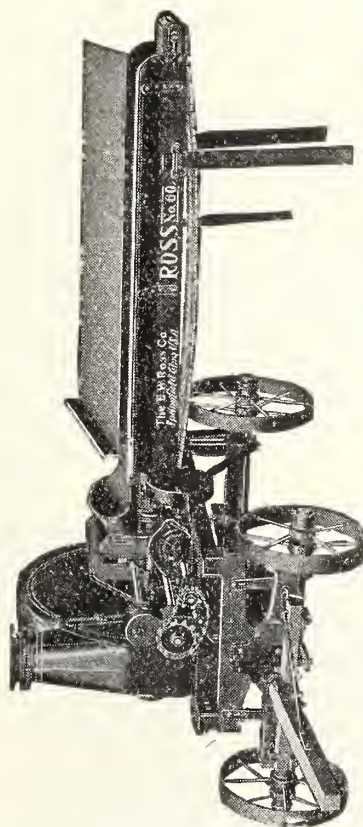




### Ney's No. 5 Reversible Carrier

Thousands of Ney's No. 5 Carriers have been in continuous service for 35 years or more and are still doing their work perfectly. This is not only proof but acknowledgment of the honest construction, quality of material and mechanical consideration that goes into the making of Ney Haying Tools. After 35 years of service the above carrier is greatly in demand by the trade.

## ROSS SILO FILLERS



### KNIFE ON FLYWHEEL TYPE

Size	Power Required	Mounted On Legs	Prices
No. 30—4 to 6	H.P. Gasoline.	\$175.00	\$150.00
No. 40—8 to 10	H.P. Gasoline.	250.00	215.00
No. 50—10 to 12	H.P. Gasoline.	260.00	235.00
No. 60—15 to 18	H.P. Gasoline.	285.00	260.00

Above Prices Are for Complete Ensilage Cutters

## REVERSIBLE HAY CARRIERS.

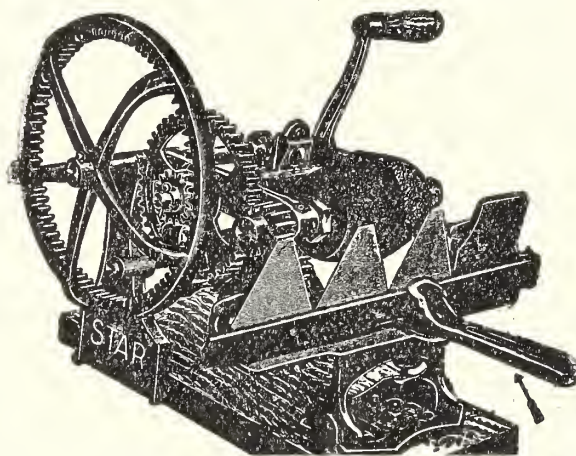
For either Steel or Wood Track.

Light and Durable, Runs either way on the track without changing.

### PRICE

Ney Hay Car, steel or wood track .....	\$9.00
No. 270 Car, open throat.....	11.00
Double Harpoon Forks.....	2.50
Double Harpoon Alfalfa Fork.....	5.00
Grapple Forks, 4 tine.....	10.00
Steel Track, per foot.....	.24
Pulleys in Wood and Iron, each .....	.50c to 1.75
Track Eyes, dozen.....	2.25
Brackets, dozen.....	.90
Floor Hooks, each.....	.20
Tedder Teeth, each.....	.40
Horse Rake Teeth.....	.40
Rope, best Manilla, at lowest prices.	
All Steel Hay Tedder.....	\$60.00 and \$70.00
Wood Hay Tedders.....	\$40.00
Steel Horse Rake.....	\$40.00 to \$50.00

We carry Haying Tools of all kinds.  
Also Teeth for all Rakes and Tedder.



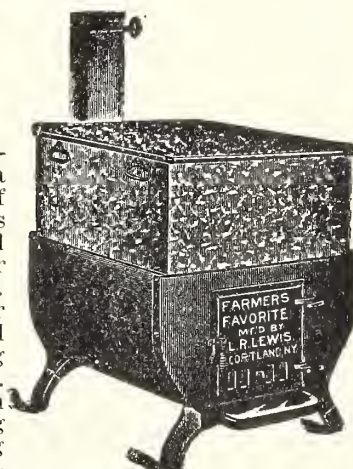
Sickle Grinder.....	\$6.50
With foot power.....	8.50

The great time and labor saver. Saves horse power and lengthens the life of machinery.

Sterling Grindstone .....	\$11.00
Sampson No. 1 Grindstone .....	9.50
Sampson No. 2 Grindstone .....	9.00
Sampson No. 3 Grindstone .....	8.75

## FARMER'S FAVORITE COOKERS

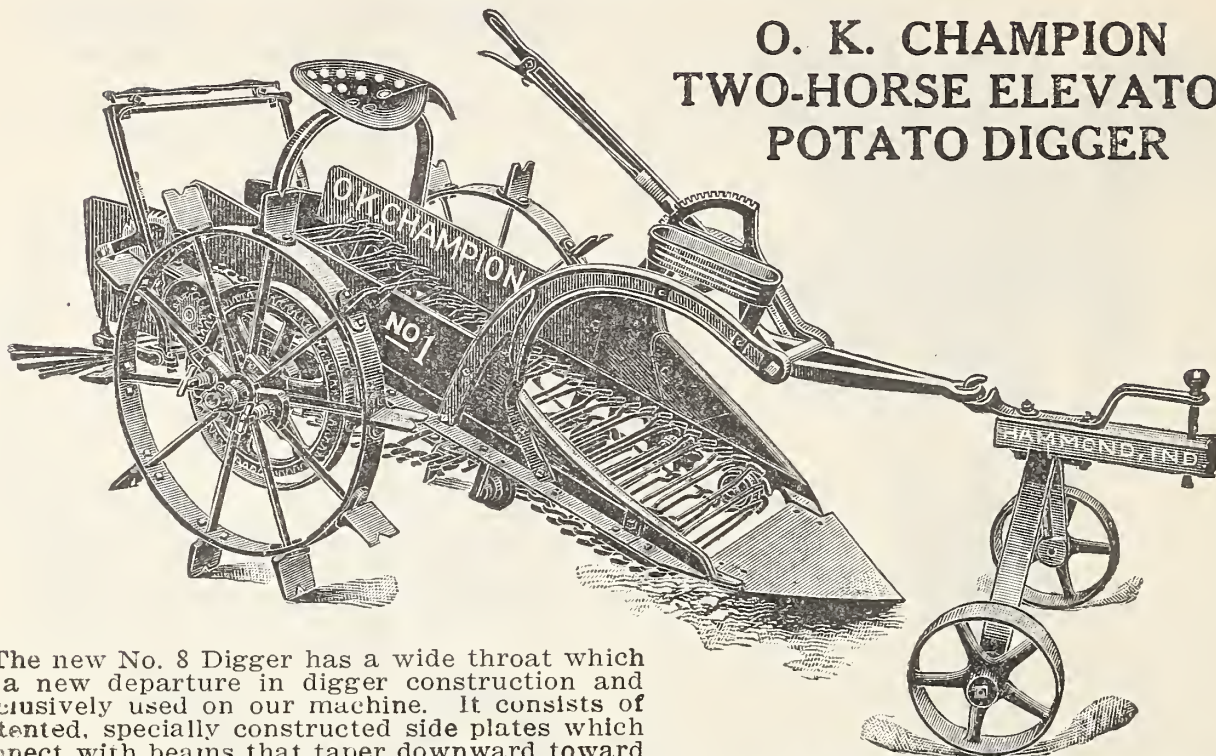
The Farmers' Favorite is used for a great variety of purposes, such as cooking grain and vegetables for stock and poultry. Heating water for scalding hogs and poultry. Boiling spraying mixture. Heating water on wash day. Heating water for washing dairy utensils. Rendering lard and tallow. Heating drinking water for stock. Syruping down. Boiling cider. Cooking fruit. Sugaring off. Boiling sap.



Size boiler.	Size Fire Box.	Price
No. 2—30 gal. 22x24x13½....	24 inches	\$17.00
No. 3—40 gal. 22x30x14....	30 inches	19.00
No. 4—50 gal. 22x26x15....	36 inches	21.00
No. 5—75 gal. 22x48x17....	48 inches	25.00
No. 6—100 gal. 22x60x17....	48 inches	26.00



## O. K. CHAMPION TWO-HORSE ELEVATOR POTATO DIGGER



The new No. 8 Digger has a wide throat which is a new departure in digger construction and exclusively used on our machine. It consists of patented, specially constructed side plates which connect with beams that taper downward toward the front, curving outward along the upper edges and along the top plate. This makes the throat opening wider than the body of the machine, allowing the dirt to spread and lose itself more freely when first entering. It also forces the vines and weeds to slide up more easily and overcome the serious trouble of clogging. The inward extending base to which the shovel is bolted makes the opening absolutely rigid and strong. We have sold nearly 600 of these wonderful Diggers in this vicinity. Price \$100.00.

Mr. John Alt, Clay, N. Y., R. F. D., told us he had bought a No. 1 Yellow Champion Digger in 1908 and it had not cost him a cent for repairs up to the present time. He had used it part of the time with a tractor.

Mr. Roy Woods, Marcellus, N. Y., R. F. D., said he bought one of our No. 1 Yellow Champion Diggers in 1908 and the total cost of operating same from that time on was only \$10.00.

Dear Sir:—I bought one of your No. 1 Champions about eight years ago and I have used it ever since.

Have dug from 25 to 40 acres of potatoes every year. Also, have dug potatoes in the afternoon when it rained in the forenoon, and when the water was standing in the rows, something that no other digger is capable of doing. While my neighbors' diggers were all at standstill my digger was doing fine work.

The expense for repairs in those eight years has amounted to less than \$5.00.

Very truly,

RICHARD J. LONG.

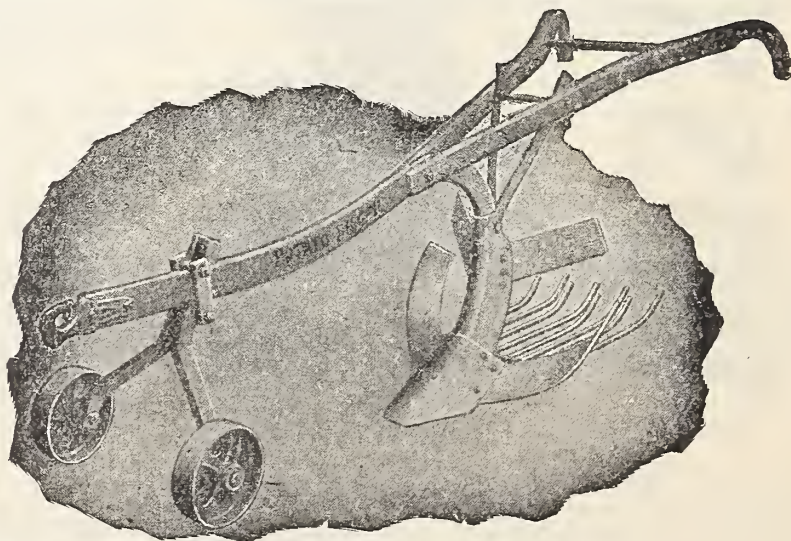
### Retail Prices for 1925—F. O. B. Factory

Digger No. 8, 22-inch, with Shaking Fork.....	\$100.00
Seed Potato Cutter.....	6.00
Automatic Planter, No. 22, Plain.....	70.00
Automatic Planter, No. 22, Fert.....	80.00

## "HERCULES" POTATO DIGGER Best and Cheapest

This is the age of progress. Not so many years ago, the farmer used a Shovel Plow to raise potatoes. Today, the enterprising and thrifty farmer uses the "Hercules" Digger, which reaches under the row of tubers and deposits them on top of the ground in full view, ready to be picked up into bags or baskets.

All parts metal excepting the handles. Weighs 94 lbs. Covered by a liberal guarantee. Price \$20.00



ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

"GOOD MACHINERY MAKES A GOOD FARMER BETTER"



DISTANCE BETWEEN  
BARS INCHES

21 BARS 58 INCHES HIGH

5		20 BARS	53 INCHES HIGH
5		19 BARS	48 INCHES HIGH
4½		18 BARS	43 INCHES HIGH
4½			
4		16 BARS	35 INCHES HIGH
4			
3½			
3½		13 BARS	24 INCHES HIGH
3			
2½			
2½			
2			
2			
2			
2			
1½			
1½			
1½			
1½			

AM. S. &amp; W. CO.

## "AMERICAN" STOCK AND CATTLE FENCING

This is a fence that fences and stays fenced. It stands for freedom from worry. With this fence you can rest easy and need fear no danger of your stock breaking out.

In this fencing we have everything for sheep, hogs, cattle, poultry and very small animals.

Here's an especially interesting feature about this fencing—it's not only one of the best made but the cost is very small. We have plenty in stock of the leading sizes. Ask or write for booklet.

The Lott Fence Stretcher is the only tool necessary for putting up the American Field and Hog Fencing. Every farmer should own this Stretcher. It costs only \$8.00.

### A Wonderful Fence

There's no better fencing made for hogs, cattle, poultry or rabbits. It makes an ideal garden fencing. It's strong, thoroughly practical and more durable than netting. The light specifications are strong enough to turn stock.

This fencing comes in 6 to 21 bars, in 6 and 12-inch stays, 24 to 58 inches high.

## FENCING, POSTS and GATES

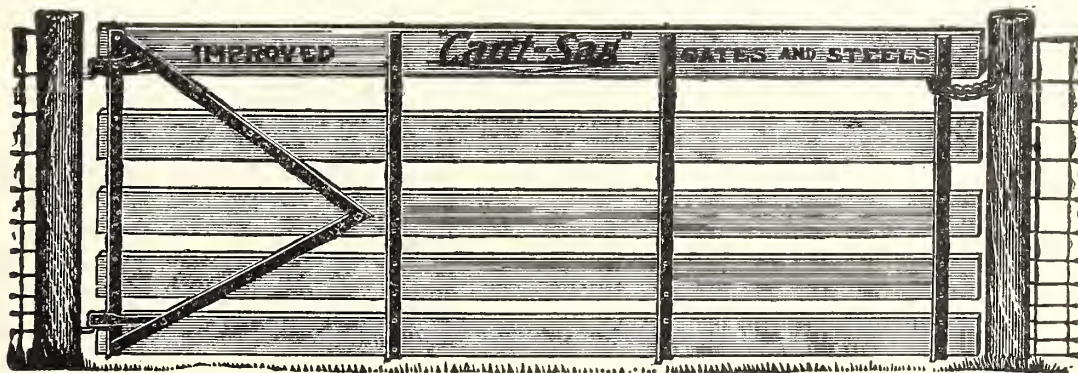
### RETAIL PRICE LIST

FENCING	Per Rod
635 Style A—12-inch.....	\$ .42
726 Style A—6-inch.....	.58
832 Style A—6-inch.....	.65
845 Style A—12-inch.....	.55
949 Style A—12-inch.....	.60
845 Style D—12-inch.....	.76
949 Style D—12-inch.....	.84
1047 Style A—6-inch.....	.85
1155 Style D—12-inch.....	.97
1948 Style F—6-inch.....	.70
2158 Style F—6-inch.....	.80
1635 Style F—6-inch.....	.60
LINE POSTS, 5 feet.....	.55
LINE POSTS, 6 feet.....	.60
LINE POSTS, 6½ ft. post....	.65
LINE POSTS, 7 feet.....	.75
LINE POSTS, 8 feet.....	.90
LINE POSTS, 9 feet.....	1.20
CORNER POSTS, 8 feet.....	5.75
END POSTS, 8 feet.....	4.25
12-ft. American Gates, 50-in., plain top.....	9.85
14-ft. American Gates, 50-in..	11.25
3-ft. American Walk Gates, 42-in., plain top.....	3.75
4-ft. American Gates, 42-in., plain top.....	4.25



AM. S. &amp; W. CO.

## CAN'T-SAG FARM GATE

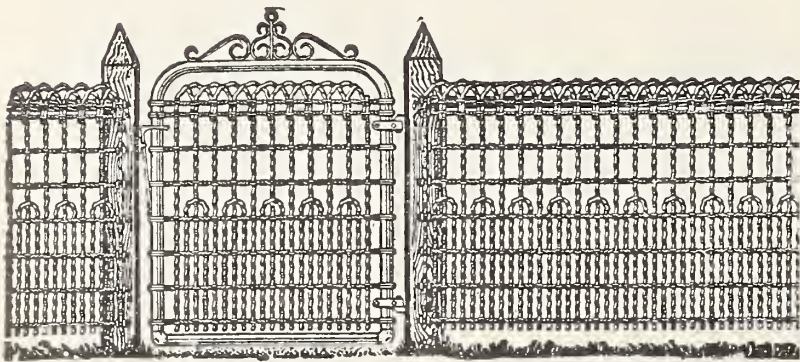


This splendid farm gate does away with all the old gate troubles that have harassed farmers for many years. They will stay just as they are put up. Will not sag, always ready for business, made of best material, and is the only real dependable wood gate on the market. A trial of this gate will introduce a lot more of them in your neighborhood.

PRICE—12 ft., \$8.00; 14-ft. Gate, \$8.50; steel metal parts for "Can't-Sag Gate," \$4.00.



ORNAMENTAL LAWN FENCE GATES  
TRELLIS—FLOWER GUARDS  
STYLE 600 FABRIC



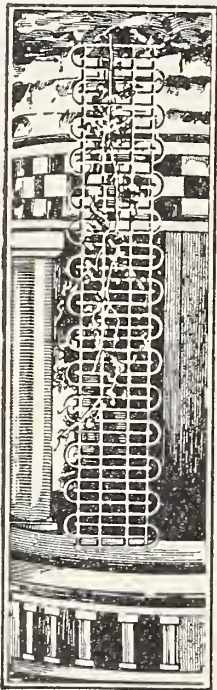
Specifications

Upright or picket wires are No. 9 heavily galvanized, spaced 3 inches apart at top, with an additional No. 9 galvanized picket interwoven so as to give an extra close spacing of 1 3/8-inch at the bottom.

Cable line wires are No. 12, spaced 6 inches apart except the two top cables, which are spaced 2 3/8 inches apart.

Height of fabric.....	24"	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"
Number of cables.....	5	6	7	8	9	10	11	12	13	14	15
List price per lineal foot.....	18c	20c	22c	24c	28c	31c	36c	40c	44c	54c	63c

The extra pickets at bottom of fabric engage the lower cables as follows: 24" and 30" three lower cables; 36" and 42" four cables; 48" and 54" five cables; 60" and 66" six cables; 72" and 78" seven cables; 84" eight cables.  
Put up in 20, 25 and 30-rod rolls



NORWOOD TRELLIS

The two designs of Trellis herein illustrated are made of large, heavily galvanized wire.

Norwood Trellis is but a trifle higher in price than poultry netting, is more ornamental and will last for years.

List Price Per Lineal Foot

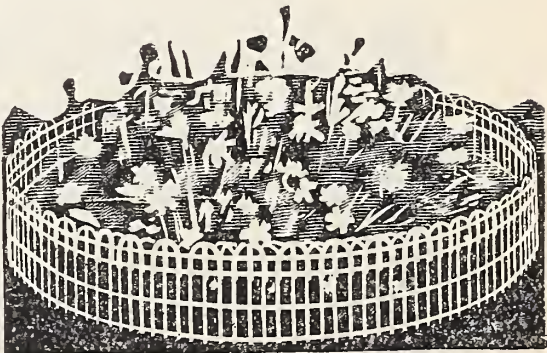
No. 107, 18 inches wide.....	\$0.07
No. 107, 24 inches wide.....	.09
No. 107, 30 inches wide.....	.11

Designed for the protection of flowers. Uprights made of No. 9 heavily galvanized wire. Illustration shows Norwood 22-inch border.

List Price Per Lineal Foot

16-inch .....	\$0.10
22-inch .....	.12
28-inch .....	.14

Put up in 165, 250 and 330 foot rolls.



STYLE 150—FLOWER BED  
BORDER





**DANA'S STOCK LABELS**  
Punches and Registers  
For Marking Cattle, Sheep and Hogs

No. 1½ or Large Cattle Labels	
Per dozen.....	\$ .75
Per hundred.....	4.00
Per thousand.....	35.00
Spring Punch for above	
Labels .....	1.75
No. 1¾ or Light Cattle Labels	
Per dozen.....	.60
Per hundred.....	3.00
Per thousand.....	28.00

Spring Punch for above	
Labels .....	1.50
No. 1 or Sheep and Hog Labels	
Per dozen.....	.40
Per hundred.....	2.00
Per thousand.....	18.00
Spring Punch for above	
Labels .....	1.25
Ewe Register.....	.60
Cattle Register.....	.60
Milk Record Books.....	.50
Breeding Sow Register...	.25
Bull Nose Punch.....	1.50
Bull Nose Rings....	.35c to 1.75

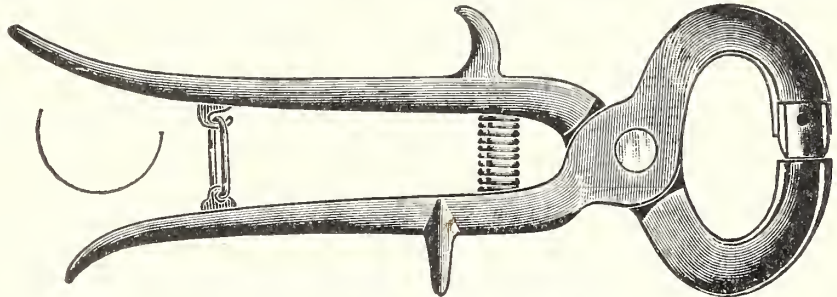
## Banner Root Cutter

HAND AND POWER

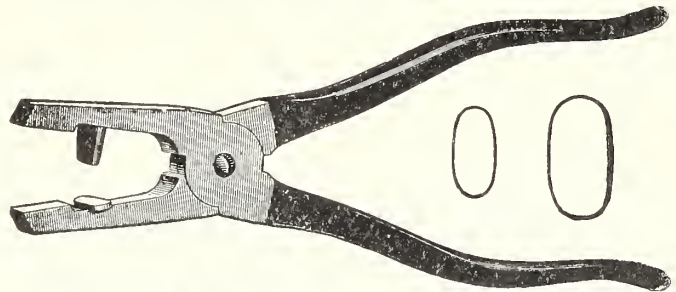


Has a capacity of 30 to 100 bushels per hour. One bushel per minute has been cut as a test, many times.

No. 7—For Poultry.....	\$7.00
No. 20—Hand Power...	14.00
No. 30—Pulley and crank .....	29 00



**Dana's Bull Nose Punch.**



**Dana's Cattle and Sheep Punch.**

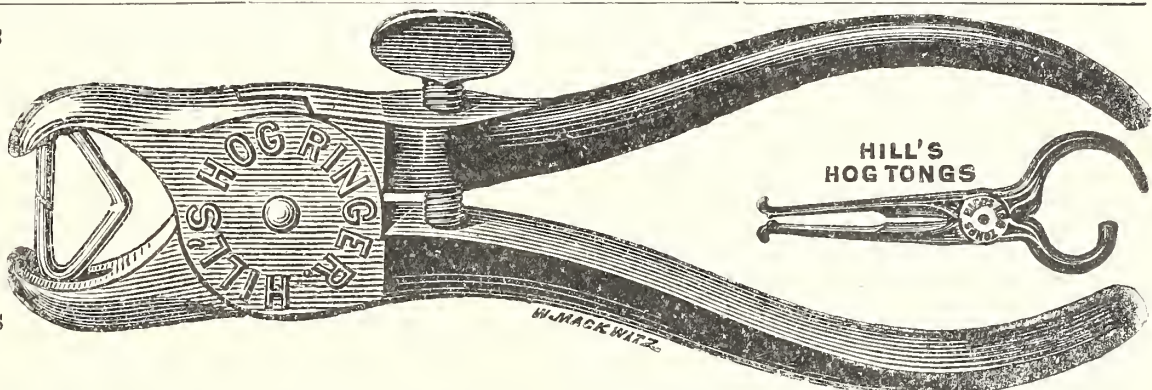
### Hog Rings

35 Cents

Per Box.

Hog  
Ringer  
35 Cents

Hog Tong  
50 Cents



## A COMBINATION TOOL

7--SEVEN TOOLS IN ONE--7

PRICE \$1.75

Here's the handiest tool a farmer ever can own. Stop and think. It drives, pulls, makes and saves staples. It's a wrench and pincer, nail puller and hammer. It cuts, splices, straightens and tightens wire. It removes trellises.

Saves time and wages; saves cutting hand; saves your temper, and it saves chasing cattle. You need one. Write now. It's only \$1.75.

**NEEDED BY 6,000,000 FARMERS.**  
**It takes the Place of Button Pliers.**



## CASTINGS REPAIRED

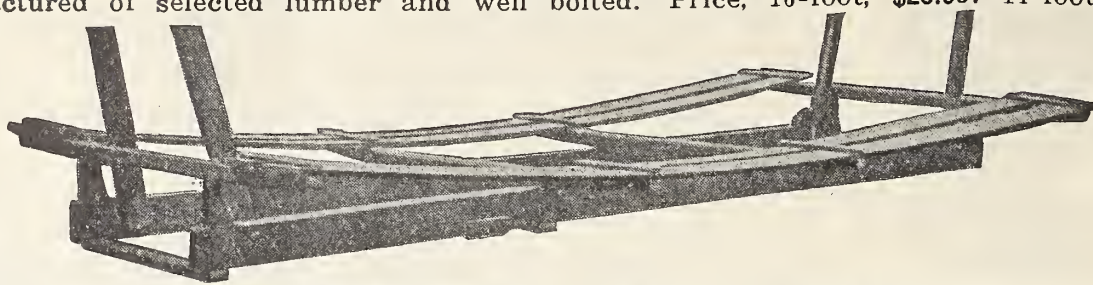
Cast Iron, Steel and other Metals repaired and mended on short notice by the new welding process. Bring in your parts for repairing. This work can be done on short notice.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.



## MERIDIAN HAY RACK.

Manufactured of selected lumber and well bolted. Price, 16-foot, \$23.00: 14-foot, \$21.50.

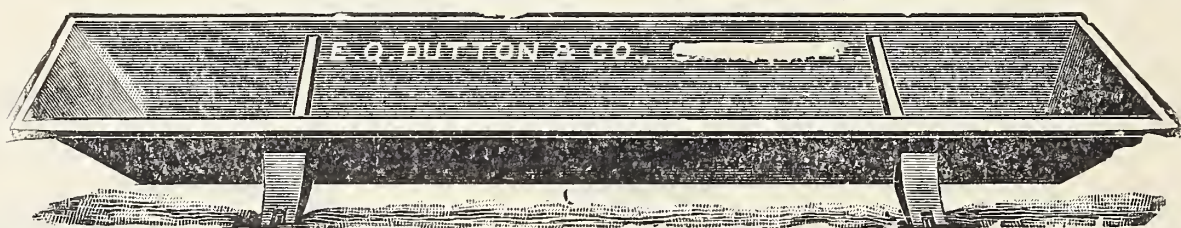


## OUR IMPROVED SLIP CASTINGS

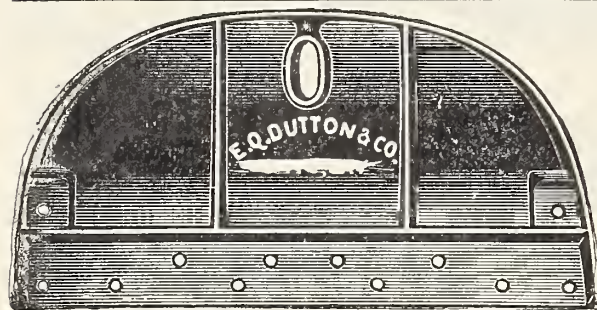


The above cut shows the front Slip and Castings only, which any farmer can make by using these castings. These castings are all finished and ready for the 5x6 inch runners. Since it is impossible to get Slip Runners sawed with the right sweep, any farmer will appreciate the benefit of our castings at a glance. Set of Shoes, \$4.25.

## IRON HOG TROUGHS.



Made in four sizes, 3, 4, 5 and 6 feet, 8 inches deep, 12 inches wide. Price, \$1.50 per foot.



## IRON STONE BOAT HEAD

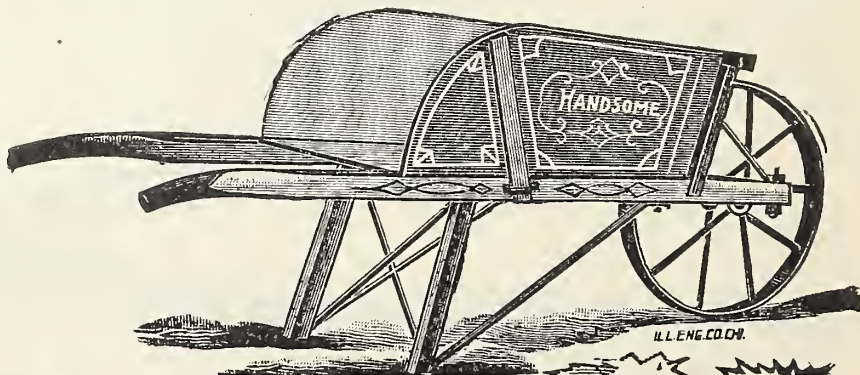
A Simple, Complete and Inexpensive device whereby a Stone Boat can be made in a few minutes by using straight plank. One head will last for years.

Price \$6.00 Each

## GARDEN

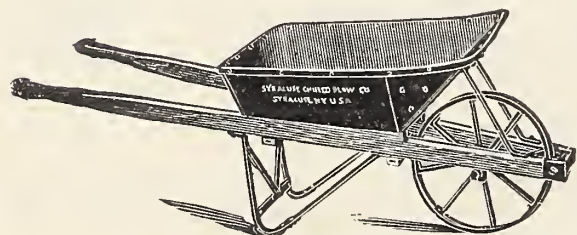
## BARROWS.

Price \$5.75 and \$8.50



## STEEL TRAY BARROW

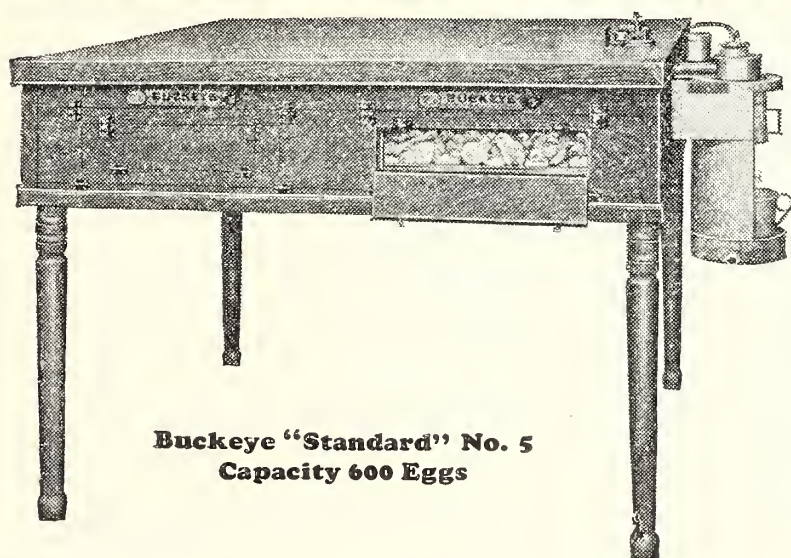
The framework of this barrow is bolted together and is fitted with a steel tray and patent wood wheel with iron hub, specially adapted for stable work. Deep Steel Tray, No. 75-A \$8.50. We also offer The Common Wood or Paddy Barrow, with iron wheels, \$5.25.



ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE



# Make Bigger Poultry Profits!

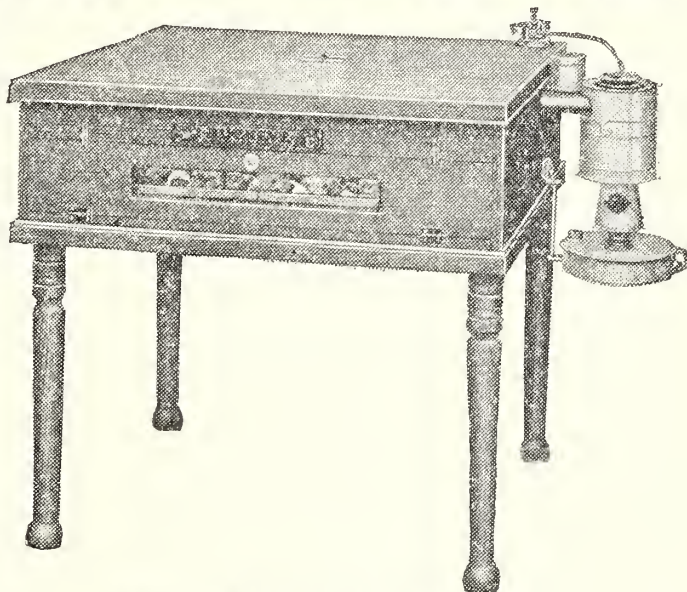


**Buckeye "Standard" No. 5**  
**Capacity 600 Eggs**

Illustrated at the left is the No. 5 Buckeye "Standard" which has a capacity of 600 eggs. It has **one** compartment, **one** circulating tank, **one** boiler, **one** lamp (either oil or gas), **one** boiler and **one** thermostatic regulator. This remarkable **simplicity** of design and construction makes it possible to control the temperature accurately throughout the whole chamber and to supply all the eggs with an abundance of fresh air and at the same time secure all the natural moisture. There are four egg trays accessible through individual doors on the front and back sides of the incubator. It is just as convenient to handle as the smallest Buckeye Incubator, requires no more attention, and yet has a remarkably large capacity.

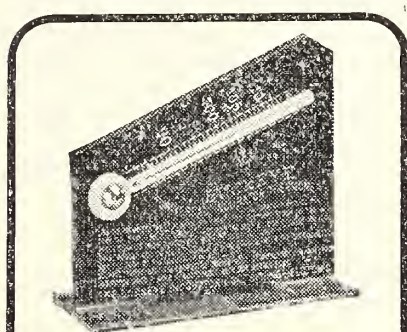
## Buckeye "Style E" Incubators Are Guaranteed Hatchers

Buckeye "Style E" Incubators meet the popular demand for a **low-priced** incubator that is **reliable, efficient** and **dependable**. They are a little more simply constructed than the Buckeye "Standard" line, and they sell for somewhat less. Yet they contain **every essential feature of Buckeye design**. Nothing is sacrificed that will in the slightest impair their ability to hatch the maximum number of strong, sturdy, lively chicks. They employ the same system of circulating hot water, which assures evenly distributed heat without the loss of any of the natural moisture so essential to proper incubation. Ventilation is automatic, insuring a constant supply of fresh, moist, oxygen-bearing air to every egg throughout every minute of the incubating period. The lamp is extremely economical, smokeless and absolutely fool-proof. The thermostatic regulator is the



**Above: Buckeye "Style E" No. 17**

**Below: Buckeye "Style E" No. 14**

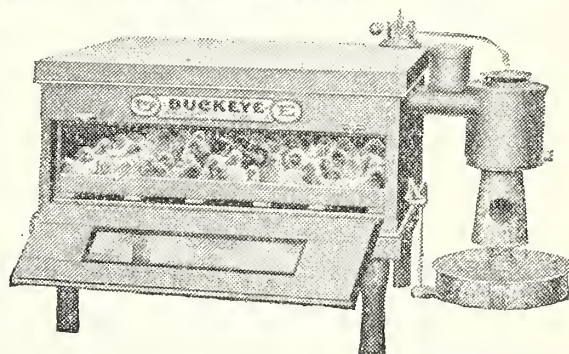


### Buckeye Universal Thermometer

For scientific incubation the thermometer bulb must be exactly  $1\frac{3}{4}$  in. above the bottom of the egg tray. With many incubator thermometers this is not always the case, as the thermometer is either improperly installed or is so adjusted that its position cannot be easily fixed. With the Buckeye Universal Thermometer the bulb is **always** in the correct position—it **can't** be anywhere else. The Buckeye can be used in any incubator. Price \$1.00.

same as used in the "Standard" line—the famous Buckeye regulator that is guaranteed to maintain uniform temperature at all times. The Buckeye "Style E" is the ideal incubator for small flocks. It handles small hatches with the same certainty and efficiency as Buckeye "Standard" Incubators. It is low in price—yet it is a real money-making incubator.

*Note especially that Buckeye "Style E" Incubators carry the same unlimited guarantee as the "Standard" line. They are guaranteed to hatch every hatchable egg and to do it every time.*



## Capacities, Weights and Prices

### "Standard"

No. 1...	120 eggs...	110 lbs...	\$37.50
No. 2...	175 eggs...	135 lbs...	44.50
No. 3...	250 eggs...	200 lbs...	57.75
No. 4...	350 eggs...	230 lbs...	68.00

No. 5...600 eggs...325 lbs...\$107.00

### "Style E"

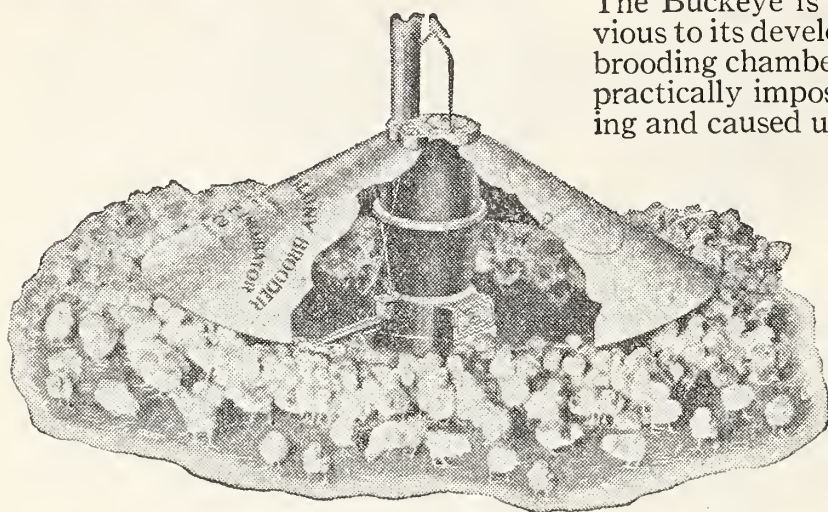
No. 14...	65 eggs...	55 lbs...	\$16.50
No. 16...	120 eggs...	85 lbs...	27.50
No. 17...	210 eggs...	125 lbs...	36.75

## Write for the Big Buckeye Catalog

It is the most valuable poultry book published. Tells how to feed, brood and cull—how to pick best layers—how to secure eggs in winter—how to market for bigger profits. For Buckeye parts write for Buckeye Parts Price Book.



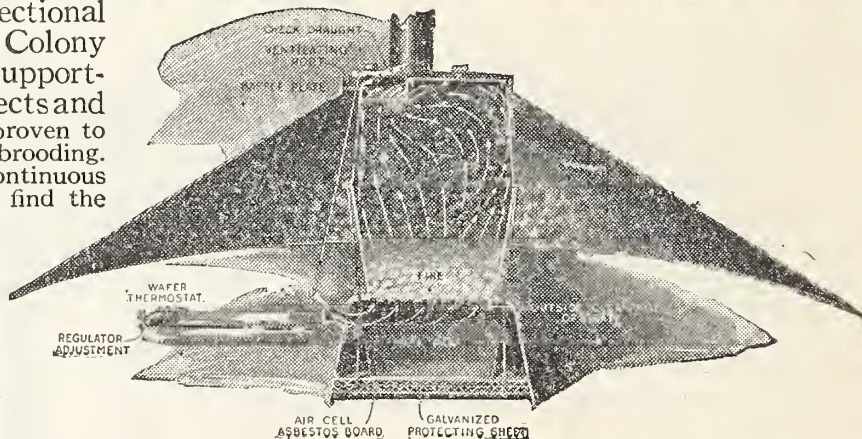
# Make Bigger Poultry Profits!



The Buckeye is the original "Colony" Brooder. Previous to its development brooders were built with closed brooding chambers which made temperature regulation practically impossible, resulted in overheating or chilling and caused untold losses due to the development of bowel and lung troubles in young chicks. Raising 50% of the hatch was considered a good result. The Buckeye "Colony" Brooder absolutely eliminates these troubles. It radiates heat from above, allows each chick to select the temperature it finds most comfortable, prevents crowding or chilling and gives the chicks an ample supply of pure, fresh air at all times. It keeps the chicks warm, lively and contented in any weather, prevents sickness, insures rapid growth—raises every raisable chick into a big, strong, money-making bird.

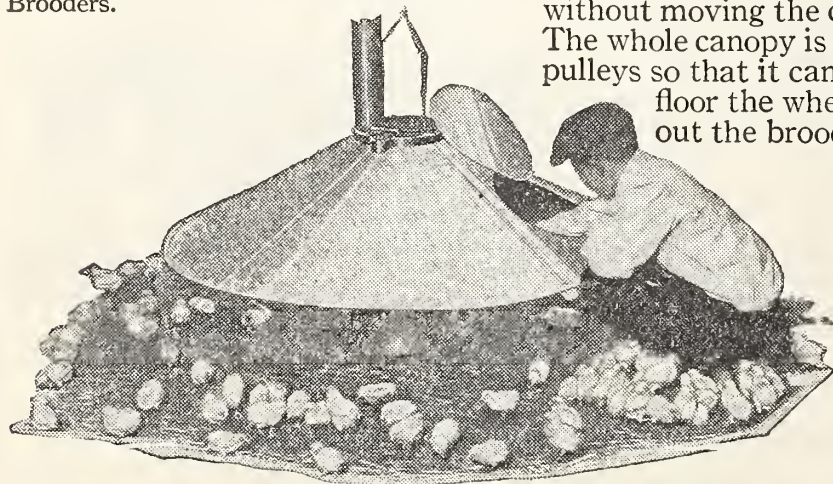
## Buckeye "Colony" Brooders Raise Every Raisable Chick

The illustration at the right shows a sectional view of the Buckeye Coal-Burning Colony Brooder. It consists of a coal stove supporting a metal canopy. This canopy reflects and radiates the heat downward, which has proven to be the method necessary for scientific brooding. The canopy is open on all sides, allowing continuous ventilation and permitting each chick to find the temperature in which it is most comfortable. The vital feature of the Buckeye Colony Brooder is the automatic regulator which absolutely assures a continuous fire, without the slightest danger of overheating or going out. Regardless of weather conditions the Buckeye maintains the ideal temperature for brooding at all times. The accurate thermostat regulates the draft and damper of the stove in such a way that the fire burns evenly and steadily, heating all sides of the stove to the same degree and radiating an even heat throughout the space under the canopy. It is this highly accurate and positive control which prevents crowding and chilling among the chicks, and consequently assures not only the raising of the highest possible number, but the normal raising of every individual chick. If you have had experience with other brooders you will be amazed at the way your chicks will thrive and grow when you put them in Buckeye Brooders.



### Easy to Operate— Requires Very Little Attention

The Buckeye is easiest of all coal-burning brooders to operate. On account of its steady, even burning it requires fuel and cleaning only twice a day. The fuel is put in at the top of the stove, as illustrated below, without changing the adjustment of the canopy in any way. A movable, circular section in the canopy permits the shaking of the grates without moving the canopy itself, as illustrated at the left. The whole canopy is supported by a cord and pulleys so that it can be easily raised clear of the floor when it is desired to sweep out the brooder pen itself.



*Left shows easy method of raking stove and removing ashes. Right shows easy method of coaling.*



### Capacities, Weights and Prices

No. 18.....	500 chicks.....	75 lbs.....	\$21.50
No. 19.....	1000 chicks.....	95 lbs.....	26.50
No. 25.....	1200 chicks.....	109 lbs.....	30.00

### Write for the Big Buckeye Catalog

It is the most valuable poultry book published. Tells how to feed, brood and cull—how to pick best layers—how to secure eggs in winter—how to market for bigger profits. For Buckeye parts write for Buckeye Parts Price Book.



# POULTRY SUPPLIES



## FUL-O-PEP DRY MASH

We sell

**Ful-O-Pep  
Vitality &  
Pratt's** } **Poultry Feeds**

Scratch Grains  
Laying Mash  
Growing Mash  
Chick Feeds  
Starting Feeds

Alfalfa Meal  
Beef Scraps  
Bone Meal  
Buttermilk Semi-solid

Charcoal  
Grit  
Oyster Shell  
Shavings, baled  
Straw, baled

Bone Cutters  
Brooders  
Boxes, Grit and Shell  
Caponizing Instru-  
ments  
Corn Shellers  
Candle, Sulphur for  
Fumigating  
Drinking Founts  
Egg Cartons  
Eggs, Porcelain Nest  
Eggs, Medicated  
Food Hoppers  
Incubators  
Leg Bands  
Roofing Paper  
Spray Pumps  
Thermometers

### Pigeon and Dove Supplies

Foust Grit  
Canada Peas  
Choice Red Wheat  
Kaffir Corn

Yellow Corn, small  
kernel  
Hemp  
Millet

We carry the well and favorably  
known line of Nu-Life Pigeon and  
Poultry Remedies.

We carry a full line of

**Pratt's  
Conkey's  
Lee's** } **Remedies**

as listed below.

Roup Remedy, 25c, 50c and \$1.00.  
Cholera Remedy, 25c and 50c.  
Gape Remedy, 30c.  
White Diarrhoea Remedy, 25c and 50c.  
Sorehead Remedy, 25c.  
Canker and Bronchitis Remedy, 50c.  
Limberneck Remedy, 25c and 50c.  
Head Lice Ointment, 25c and 50c  
Condition Tablets, 35c.  
Bronchitis Remedy, 25c and 50c.  
Sore Head Chicken Pox Remedy, 35c and 70c.  
Scaly Leg Remedy, 35c.  
Worm Remedy, 50c.  
Poultry Tonic, 25c, 50c, \$1.10  
Lice Powder, 25c, 50c and \$1.00.  
Poultry Disinfectant, 55c, 95c and \$1.60.  
Red Mite Spray, 55c.

and numerous others made by these  
well known concerns.

**RAT-NIP.** Kills rodents, odorless. 35c.

### B-K GERM KILLER DISINFECTANT

Germ Killer. Deodorant. Sterilizer for  
drinking water. Kills germs of Roup, White  
Diarrhea and other diseases. Absolutely  
non-poisonous and safe. Colorless, clean.  
Leaves no odor. Recommended by college  
officials. Prices, 45c, 75c and \$1.25.

## PURE CEDAR BEDDING

### FOR USE WITH DOGS, POULTRY AND PETS

#### A PREVENTATIVE OF DISEASE AND VERMIN

PURE CEDAR BEDDING has been in general use among dealers and breeders of dogs,  
pet stock, poultry, etc., for years and no user has ever found a single unsatisfactory result.  
It is a wholesome, clean and agreeable preventative of disease. Its use is an insurance  
against all vermin and pests, and animals or birds housed and nested with it are invariably  
found to thrive. Even with the best of care, hay, straw or other natural bedding will  
harbor or breed injurious insects and furnish a generating place for disease germs, foul  
conditions and offensive odors. The cedar, naturally impervious to all disease and proof  
against infection and will keep kennels and coops clean and sweet.

**NO FLEAS, NO VERMIN, NO DISEASE** where Cedar Bedding is used.

**ENDORSED BY DOG HOSPITALS** and large kennels of the country and by many Poultry  
Fanciers.

Price per 100 pound bale.....\$6.75  
Price per 50 pound bale..... 3.85  
Price per 25 pound bale..... 2.25

**BABY CHICKS IN SEASON**

For Seeds, Tools, Etc., See Our Annual Catalog for 1925.



# A TRIBUTE TO THE DOG!

A speech made by the late Senator Vest of Missouri in the trial of a man who had wantonly shot a dog belonging to a neighbor. Mr. Vest represented the plaintiff, who demanded \$200.00 damages. As the result of the speech, the jury, after two minutes' deliberation, awarded the plaintiff \$500.00.



"The best friend a man has in the world may turn against him, and become his enemy. His son or daughter that he has reared with loving care may prove ungrateful. Those who are nearest and dearest to us, those whom we trust with our happiness and our good name, may become traitors to their faith. The money that a man has he may lose. It flies away from him, perhaps when he needs it most. A man's reputation may be sacrificed in a moment of ill-considered action. The people who are prone to fall on their knees to do us honor when success is with us, may be the first to throw the stone of malice when failure settles its cloud upon our heads.

"The one absolutely unselfish friend that a man can have in this selfish world, the one that never deserts him, the one that never proves ungrateful or treacherous, is his dog. A man's dog stands by him in prosperity and in poverty, in health and in sickness. He will sleep on the cold ground, where the wintry winds blow and the snow drives fiercely, if only he may be near his master's side. He will kiss the hand that has no food to offer; he will lick the wounds and sores that come in encounter with the roughness of the world. He guards the sleep of his pauper master as if he were a prince. When all other friends desert, he remains. When riches take wings, and reputation falls to pieces, he is as constant in his love as the sun in its journeys through the heavens.

"If fortune drives the master forth an outcast in the world, friendless and homeless, the faithful dog asks no higher privilege than that of accompanying him, to guard him against danger, to fight against his enemies. And when the last scene of all comes, and death takes his master in its embrace, and his body is laid away in the cold ground, no matter if all other friends pursue their way, there by the graveside will the noble dog be found, his head between his paws, his eyes sad, but open in alert watchfulness, faithful and true even in death."

**EBELING'S**—*The Store of Public Service. Fifty-eight years in the same location—Think of it. In those years friends have come and gone and the same reputation for fair and honest dealing has gone on. Success is built upon service to the public. Our motto—"EFFICIENT SERVICE, QUALITY MERCHANDISE, and GOOD VALUE RECEIVED"—has made our organization the reputable firm it is today.*

*To our friends, both old and new—let us wish you prosperity, health and happiness in the seasons to come.*

*F. H. Ebeling.*

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**F. H. EBELING, . . . . . 217 SO. WARREN STREET**  
**DEALER IN SEEDS—HARDWARE—PET SUPPLIES—POULTRY FEED**  
**AND SUPPLIES**

**RETAIL STORE—217 SOUTH WARREN STREET**

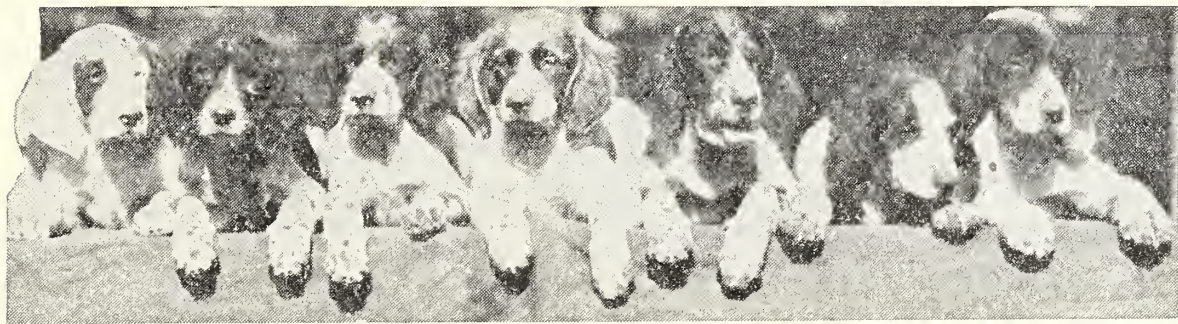
**1868-1926.**

**WAREHOUSE—540 CANAL ST.**

**Phone—2-7227—2-7226**



# DOG FEEDS and REMEDIES



## DELCREO DOG REMEDIES

Are procurable at Ebeling's. They are the latest and most successful means of combating disease among animals. They never fail when administered in time.

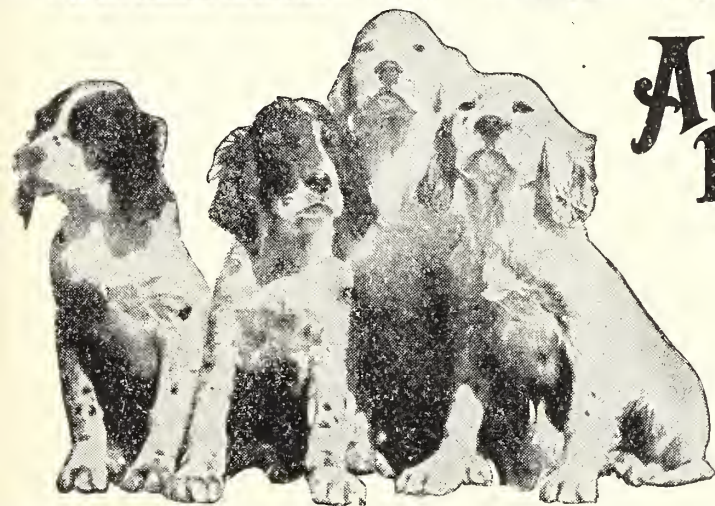
Used and recommended by the leading breeders and fanciers.

### COMPLETE LIST OF DELCREO DOG REMEDIES

As Carried in the Pet Stock Department of the Ebeling Store.

- DELCREO for Distemper, Black Tongue, Colds, Pneumonia, Diarrhoea and other diseases of germ origin.....4 oz. \$1.50; 16 oz. \$5.00
- DELCREO TONIC AND CONDITIONER.....2 oz. \$0.75
- SOLUBLE SULPHUR COMPOUND for Canker of the Ear, Eczema, Rheumatism, etc....4 oz. \$1.00
- SOLUBLE SULPHUR COMPOUND CAPSULES, a convenient form of Sulphur Compound. Box of 40 capsules.....\$1.00
- SOLUBLE SULPHUR COMPOUND BATH for Fleas, Mange, Eczema, etc. An invigorating antiseptic bath liquid.....4 oz. \$1.00
- SOLUBLE SULPHUR COMPOUND OINTMENT for Mange, Wounds, Cuts, Sores, etc. A soothing and healing antiseptic salve.....1 oz. \$0.50
- SULFMINOL for general and chronic constipation.....4 oz. \$0.50
- DELCREO DOG SOAP for cleansing and stimulating the skin and coat. A pure neutral soap. 4 oz. cake \$0.25
- DELCREO ROUNDWORM AND HOOKWORM CAPSULES in three sizes—for Large Breeds, for Small Breeds and for Small Puppies and Small Toys.....Box \$0.50
- DELCREO LAXATIVE, especially prepared for use with Delcreo Worm Capsules.....4 oz. \$0.25
- DELCREO TAPEWORM TABLETS.....Box \$0.75

Ask Today for the DELCREO KENNEL MANUAL, Free on Request



**Austin's  
DOG  
BREAD**

## Your Dog Needs

just the things that are contained in Austin's Dog Bread. Its good flour, cereals, and clean, sweet meat are bought especially for it.

Ebeling's recommend the Austin Dog Products, knowing the high quality of their ingredients. We carry these foods in cartons and bulk.

### Dog Collars, Harnesses, Sweaters and Other Equipment

We would be pleased to show you our complete line of leather goods for the Dog. Priced to suit every purse.

**FOR 58 YEARS WE HAVE SATISFIED THE MOST EXACTING TRADE**



# PERFECTION FOODS

## WILL KEEP INDEFINITELY

In placing your order for **Perfection Dog Food** do not hesitate to order in sufficient quantities to obtain the full advantage of reduced prices. There is no chance of this food spoiling due to storing for any length of time.

## HOW TO FEED

Perfection is preferred by most dogs dry. Other dogs like it moistened by the addition of water or milk. It can also be mixed with various table leavings of a liquid or soft character, such as gravy, soups, etc.

**PERFECTION** contains cooked meat, cereals and bone in correct proportions. A chemical analysis shows it to contain the necessary amount of protein, fats and carbohydrates to be a well-balanced ration and to be readily digested by any dog. It is non-tiring, easily digested, health giving, muscle building, economical.

Price—100 lbs. \$7.00    50 lbs. \$3.50    25 lbs. \$2.00    lb. \$ .09



"Perfection Feeds the Champions"



## THE KENNEL FOOD SUPPLY COMPANY'S PRODUCTS PERFECT CONDITION CANNED MEAT FOR DOGS

Each Can Contains 100% Pure Boiled Meat at a cost of 5c per lb. when purchased in cases

This food is made of clean, lean meat, chopped fine and steamed. The juices and the meat are mixed together, put in the cans hot, then sealed, and processed at 230 degrees of heat, or practically the same method as used in canning prepared meats for table use.

The Quart cans contain the value of six pounds of raw, lean meat. It is ready for feeding, doing away with the cost of cooking and labor.

## TO FEED

Add a little water and mix with our Plain Broken Biscuits—one part meat with five parts of biscuits. Some dogs require more meat than others. Brood bitches and hard working dogs require more meat than dogs about the house or kennel.

## CERO-MEATO

Cero-Meato is one of the best and most economical dog foods; clean and wholesome, made of cereals and meat with proper amount of bone. Each baked separately, then broken into pieces about the size of beans, and mixed together to make a balanced ration for all breeds of dogs.

Feed Cero-Meato moistened or dry. It can also be fed to puppies as soon as they are ready to eat solids.

## PRICES ON THE KENNEL FOOD

1 case, 24 quarts, Perfect Conditioned Meat.....	\$7.50
1 case, 24 pints, Perfect Conditioned Meat.....	5.25
3 cans, quart size, Perfect Conditioned Meat.....	1.00
5 cans, pint size, Perfect Conditioned Meat.....	1.10
Single quarts.....	35c
Single pints.....	25c

## CERO-MEATO

100 lbs.....	\$8.00
50 lbs.....	4.25
25 lbs.....	2.25
1 lb.....	.12

## PLAIN BROKEN BISCUITS

100 lbs.....	\$7.50
50 lbs.....	4.00
25 lbs.....	2.25
1 lb.....	.10

Ebeling's recommend the Austin's Dog Products, knowing the high quality of their ingredients. We carry these foods in cartons and bulk.

**KEEP** this booklet available at all times. Its advice is of great value.

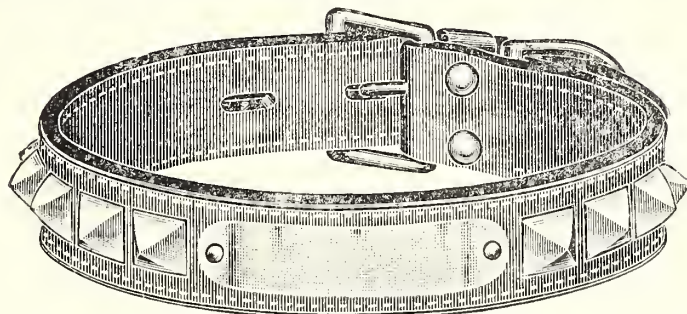


# SPRATT'S FOOD FOR DOGS

"THE BACKBONE OF THE CANINE RACE"



OUR STOCK COMPRISES THE MOST COMPLETE ASSORTMENT OF PET FOODS, REMEDIES AND ACCESSORIES IN CENTRAL NEW YORK



**SPRATT'S BISCUITS** have been the standard dog food throughout the world for over seventy years.

Dogs fed on Spratt's can be kept in the pink of condition year in and year out because this food contains only the most nourishing ingredients combined together in such a way as to form a perfectly balanced ration.

Insist on SPRATT'S for your dog's sake and you will have a happy, healthy animal.

We carry a complete line of Spratt's Dog Cakes, Puppy Biscuits, Fibo, Ovals, Medicines, etc., on hand at all times.

Ask for free booklet on feeding.

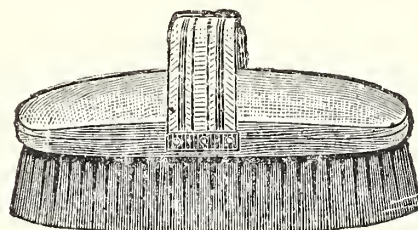


## IN OUR DOG AND CAT DEPARTMENT

can be found everything that will keep the pet in perfect health and condition. Brushes, Combs, Blankets, Sweaters, Harnesses, Collars, Whips, Leads, Sleeping Baskets, Carrying Cases, Whistles, Chains, Foods and Remedies. Delcreo, Spratt's, Glover's and the Dr. Daniels Remedies.

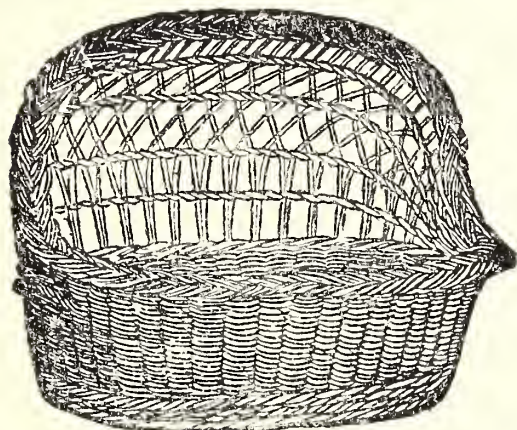
### FOODS FOR DOGS

Perfection Dog Food	Hemo Ration
Spratt's Fibo	PupE. Ration
Spratt's Rodmin	Plain Broken Biscuits
Spratt's Ovals	Cod Liver Oil Cakes
Spratt's Dog Cakes	Perfect Conditioned Meat
Cero-Meato	Old Trusty Tid Bits
Ken L Ration	Old Trusty Top Notch



SPRATT'S PATENT L'S

We have at the head of our Bird and Pet Department an experienced man whose knowledge of all kinds of pets makes his advice of great value to our customers.



	100 lb.	50 lb.	25 lb.	Lb.
Spratt's Dog Cakes.....	\$12.00	\$6.25	\$3.25	\$ .15
Spratt's Fibo.....	14.00	7.25	3.75	.17
Spratt's Rodnim.....	13.00	6.75	3.50	.16
Spratt's Bull Dog and Terrier	13.00	6.76	3.50	.16
Spratt's Puppy Cakes.....	13.00	6.75	3.50	.16
Spratt's Ovals.....	13.00	6.75	3.50	.16
Spratt's Cod Liver Oil Cakes	12.00	6.25	3.25	.15
Perfection Food.....	7.00	3.50	2.00	.09
Bennett's Milk Bone Dog Food }				
Bennett's Milk Bone Puppy Food }				
			.....	40c per carton
Spratt's Dog and Puppy Food.....				20c and 40c per carton

## PIGEON AND DOVE SUPPLIES

Canada Peas  
Choice Wheat

Kaffir Corn  
Yellow Corn

Millet  
Hemp

**OUR PIGEON MIXTURE No. 1** is one of the finest obtainable. Only the very choicest and cleanest ingredients are used. Ideal for either exhibition of squab breeders. Price per 100 lbs., \$3.95.

**OUR PIGEON MIXTURE No. 2** is an excellent composition of high quality grains and is sold at a lower price. It is an ideal feed for the breeder using quantities and who wishes to economize. Price per 100 lbs., \$3.25.

### ATTENTION!

We have Foust's Salt Grit, also the NU-LIFE line of remedies. Let us supply you with nesting bowls, water fountains and grit hoppers.



# BIRD SUPPLIES

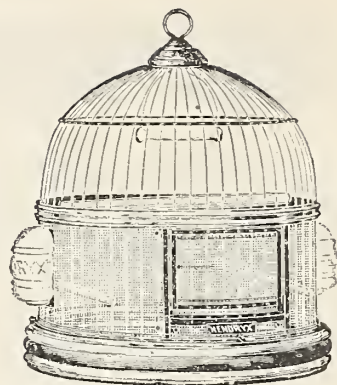
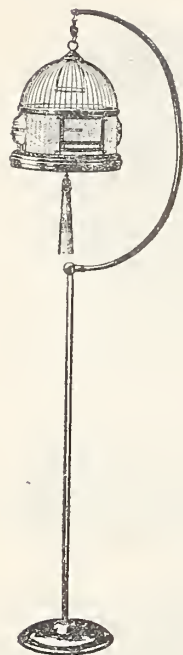
## BIRD CAGES

Ebeling's carry the finest quality of Domestic and Imported Cages. Cleanliness and sanitation are of great importance. These cages have the latest improvements.

## CAGE STANDS

Sanitary bath houses which attach to the outside of the cage eliminates the splashing and spattering when your birds take their bath. Our aim to provide everything for the convenience of the bird fancier.

We have at the head of our Bird and Pet Department an experienced man whose knowledge of all kinds of pets makes his advice of great value to our customers.



Ebeling's Special Canary Mixture....	\$ .20
Plain Canary Seed.....	.20
Hemp..... 1 lb. 15c; 2 lbs	.25
Sweet German Rape.....	.20
Sunflower..... 1 lb. 15c; 2 lbs.	.25
Bird Millet, 1 lb.....	.20
Unhulled Rice, 1 lb.....	.20
Lettuce Seed, 1 oz.....	.05
Bird Peppers, 1 oz.....	.10
Washed Gravel, 2-lb. pkg.....	.10
Chinese Blue Maw, 1 lb.....	.25
Cuttle Bone, large.....	.05

We carry extra water and food cups and swings for all types of cages. A complete line of bathing dishes, bath houses and treat dishes, etc.



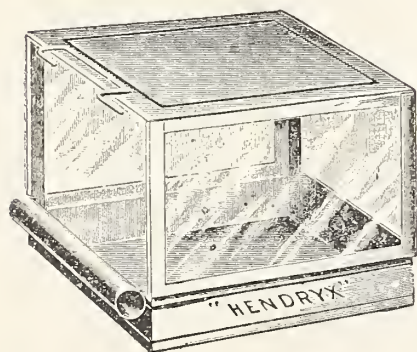
**EBELING'S SPECIAL SEED MIXTURE** for Canaries and Cage Birds is unexcelled. It forms a diet such as will maintain perfect health and song. Lb., 20c.

**WHEEL'S SEED TONIC AND SONG RESTORER** is the result of successful German breeders to produce a natural seed tonic and song restorer free from sugar or any medicinal properties. It adds variety to the diet, builds and strengthens the body, improves the song, and adds brilliancy to the plumage. Use it. 30c.

**EBELING'S SPECIAL PARROT MIXTURE** for Parrots, Macaws, Cockatoos, Lories, and the larger varieties of Parakeetes and Love Birds, is made by our own specialist in our pet department. It includes a variety of choice re-cleaned seeds and nuts that goes to form a balanced and varied diet. Feed it Always. 2 lbs. 25c.

**EBELING'S PARAKEET AND LOVE BIRD MIXTURE** is especially compounded for the Australian Shell Parakeetes and the small varieties of Love Birds. Lb., 20c.

**WASHED SILVER SAND** of unsurpassed quality for canary cages. 2 lbs. 10c; 6 lbs. 25c. Why pay more elsewhere?



## CANARY BREEDERS, ATTENTION

We have a complete line of breeding cages in assorted sizes, wire nests, nesting hair, and special nesting food. Don't use the old egg method of raising youngsters. Use Spratt's Cod Liver Oil Cage Bird and Nesting Food—it is better for the birds and it is more convenient to feed. Price 15c.

## ADVICE TO CANARY OWNERS

Feed only re-cleaned seeds which are fresh and free from dust particles. A composition of half and half imported Sweet German Rape and Sicilian Canary is best.

Use Wheel's Natural Seed Tonic and Song Restorer in small quantities daily. It adds variety to the diet, builds and strengthens the body, improves the song and adds brilliancy to the plumage.

Provide the birds with plenty of clean washed sand in the bottom of the cage. These particles of grit are your bird's teeth and are their means of grinding their food.

Refrain from feeding buttered bread or any greasy substance to your bird. Sugar and Hemp are both very fattening.

The ideal temperature for your Canaries is 65 degrees. Avoid drafts or the direct rays of the sun.

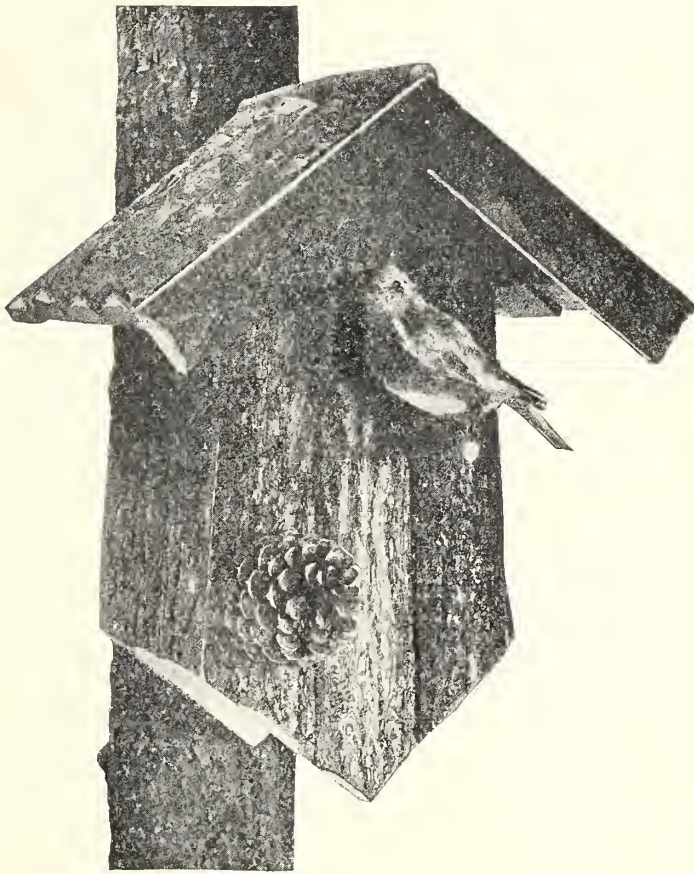
Do not feed lettuce. For green food give your birds a small piece of celery top twice a week. Ripe apple can be given daily.

Watch for Our Very Interesting Window Displays of Live Birds, Puppies, Kittens and Rabbits



# BIRD HOUSES, BIRD BATHS, FEEDING STATIONS and ALL KINDS OF FEEDS, REMEDIES and ACCESSORIES WHICH ATTRACT BIRDS

Are Sold at Ebeling's



**TO THE BIRD** there are only a few important needs. First, the proper nesting materials from which to construct the nest. Then hang in a safe place the house which provides shelter and safety—then a few handfuls of Ebeling's Special Bird Grain Mixture and clean, fresh water for bathing.

**THE SMALL EXPENSE** of these items will be repaid many times by our feathered friends whom you protect, and to whom you show protecting hospitality and friendship.

**EVERYTHING FOR BIRDS** can be procured at Ebeling's: Wren Houses, Blue Bird Houses, Robin Shelters, Bird Baths, Feeding Stations, Feeds, Remedies and other accessories.

**WHEN WINTER COMES** the birds that have remained with us are exposed to the mercy of the elements, and are without the foods which provide comfort and warmth. A few handfuls of Ebeling's Special Grain Mixture in one of our attractive winter feeding stations, and a few suet cakes with walnut meats provide warmth and gives the bird lover the satisfaction of repaying his bird friends of the summer season.

**BIRDS ATTRACTED** by such kindness through the winter will remain and make their homes in the spring and become permanent residents.

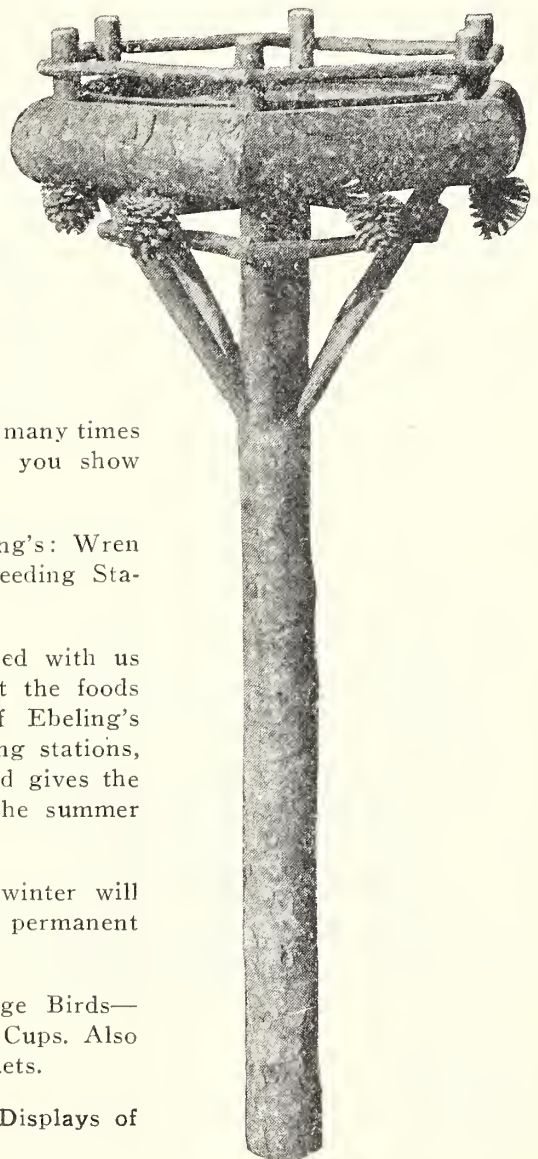
**AT EBELING'S** can be found all needfuls for the Cage Birds—Cages, Seeds, Tonics, Moulting Remedies, extra Dishes and Cups. Also Singing Canaries, Finches, Love Birds, Parrots and Paroquets.

**WINDOW DISPLAY**—Watch our windows for Attractive Displays of Birds, Cats, Dogs and other pets.

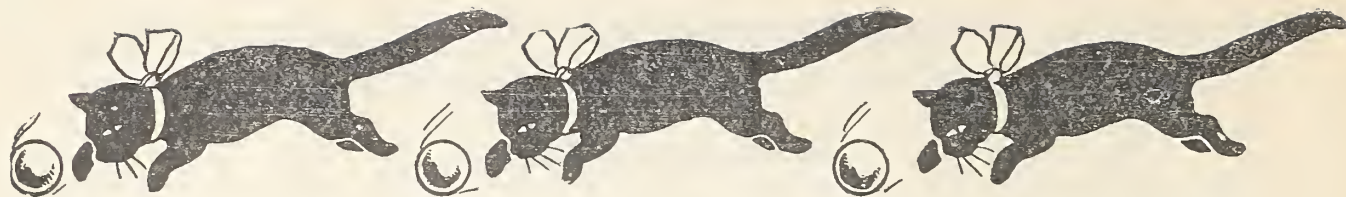
There are few but what enjoy the early morning song of birds, or appreciate their beautiful and vari-colored plumage as they flit from tree to shrub in our garden and lawn.

**THE NATURE LOVER** finds endless enjoyment as he sees his friends returning each spring to the shelters provided for them—busily taking the bits of silk floss, horse-hair, fiber and moss from the nesting material racks to build their nests. Then in a few weeks the young birds begin to consume insects and worms in large quantities, and the trees, shrubs and gardens are carefully searched, and made free of destructive insect life.

**OUR FEATHER CO-WORKERS** kill more insects and bugs in a single day than the gardener could by hours of spraying. The more bird life the less insect pests.







## THE CAT

### LOVE YOUR PETS—KEEP THEM WELL



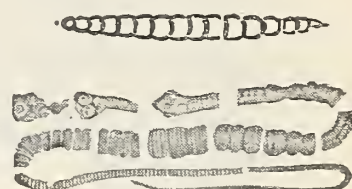
Cats, to be a pleasure to look upon and to fill that friendly feeling in the mind and loving spot in the heart, must be in good health and form. Success with cats, whether for exhibition, breeding or home comfort, depends upon the condition in which they are kept and the care bestowed upon them. Exercise is especially necessary for cats in city homes, and the Catnip Ball is a desirable aid in this direction. The average life of the cat is from twelve to fifteen years.

Whenever a Cat Becomes Ill, it seeks dark quarters, loses the appetite, nose becomes hot, coat dry and harsh, sleeps most of the time, and when in pain evinces it by crying. Green grass is a natural remedy for cats when attacked by digestive troubles, and when at liberty, if possible, they will help themselves.

**KATONIC, A Tonic**—Simply works wonders in keeping cat or kitten in condition.....Price 25c

**WORMS**—Don't let them kill your valuable pet.

**DANIELS' WORM DROPS**—Capsules 65c, or Liquid 50c, gets the worms and saves the cat.



### OTHER COMFORTS AND NECESSITIES

**H. B. O.**—For removing Hair Balls. 65c.

**FLEEKO**—For removing FLEAS, especially for long-haired pets.

**SOAP**—For washing Cats or even Dogs. 25c.

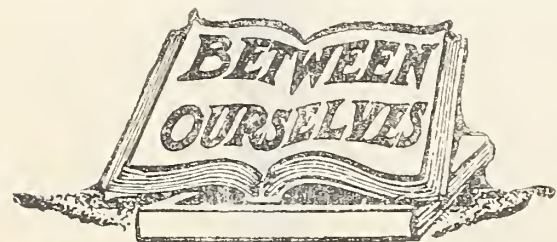
### THEN SOMETHING MORE IMPORTANT

**V. M. CAPSULES**—For Mother and Kitten—Think of V. M. Capsules when you want to build strength and growth.

**SUMMIT BRAND CATNIP**—Leaves and Blossoms. Nature's Medicine for the Cat ..... 15c

Our Pet Department contains a complete assortment of Collars, Harnesses, Leads, Sleeping Baskets, Brushes, Combs, Sweaters, Non-tipping Feeding Dishes, Carrying Cases, Catnip Mice, Catnip Balls, Loose Catnip, as well as a large assortment of cat foods and remedies.

**CAT FOODS** include Spratt's Cat Food with milk, fish or meat, Hemo Ration, Spratt's Fibo and Spratt's Malted Kitten Food.



Give these pages more than the "once over." Note the varied and useful helps mentioned, not the least of which is our offer free of Dr. Daniel's useful Cat Book.

If you have any sort of Pet, we can be of service to you.

### EVERYTHING FOR PETS AT

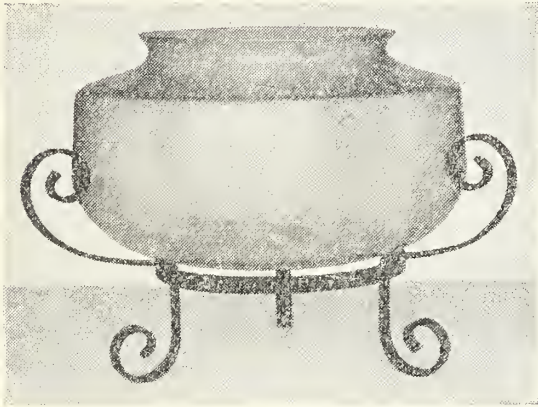
F. H. EBELING'S 217 SO. WARREN STREET





# AQUARIUMS

HOME LOVING PEOPLE OF TODAY ARE CONSTANTLY STRIVING  
TO MAKE THEIR HOMES MORE HOMELIKE



They accomplish this by additions to their fireside—pets, which add human appeal to the home. Every home has its watchful dog, its affectionate cat, its singing canary, its beautiful playful parakeets, its talking and singing "POLLY," and its graceful silent moving goldfish.

To this end F. H. EBELING, 217 SO. WARREN STREET, can serve you. The department of pet supplies and furnishings is the most complete in Central New York. Every convenience and accessory for the betterment of health and comfort can be procured here. The largest assortment of prepared foods and timely remedies are at your disposal.

Your questions are GLADLY ANSWERED by men skilled in caring for pets and their ailments

FANCY GOLDFISH

TADPOLES

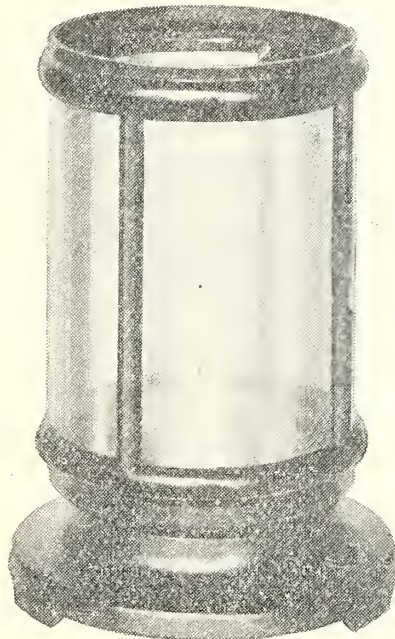
MERMAIDS

AQUARIUMS

PEARL CHIPS

DIP NETS

THERMOMETERS



FISH FOODS

WASHED SAND

CASTLES

AQUARIUM PLANTS

ORNAMENTS

AND NOVELTIES

OF ALL KINDS

No Better Assortment of High Grade Aquariums Can Be Found in This City.  
In Aquarium Novelties We Have Everything.

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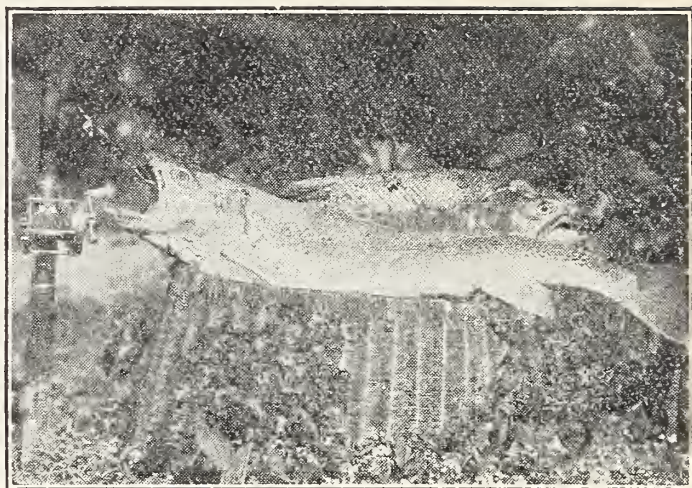
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## "A DREAM"

Last night as I sat by the fireside,  
 Watching the flames at play,  
 I fell asleep in my old arm chair  
 And dreamed of another day.  
 It was a day in summer;  
 The sun was sinking low,  
 When there came to my ear a whisper  
 Saying, "A fishing you should go."  
 I got out my rod and tackle,  
 My favorite reel and line,  
 And started down the winding trail  
 To a lake near the old tall pine.  
 "Now just finish this dream."

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